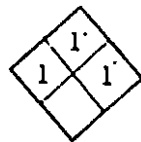


CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Substituted Pyrazolidinedione  
SHIPPING NAME Waste Organic Solid, NOS..  
PREPARER Donald Hill EFFECTIVE September 24, 1982  
ENVIRONMENTAL APPROVAL *[Signature]* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>100</u>	<u>SUBSTITUTED PYRAZOLIDINEDIONE</u>	HALOGEN:	<u>( ) 0%</u>
_____	_____	SULFUR:	<u>0 %</u>
_____	_____	NITROGEN:	<u>8.2 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>Approx. 1</u>
WATER SOLUBILITY:	<u>Trace</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>&lt;10</u>	% ASH:	<u>None</u>
% SUSPENDED SOLIDS:	<u>N/A</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>N/A</u>		
IDENTITY:	_____		
LAYERING:	<u>N/A</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>White, Pinkish or Yellow</u>		
ODOR:	<u>None</u>		
VISCOSITY:	<u>N/A</u>		

NAME: Ciba Geigy  
ID. NO. RID 001194323  
FILE LOG: R-1B  
OTHER: \_\_\_\_\_



PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: N/A FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Water, Carbon Dioxide or Dry Chemical

FIRE-FIGHTING PROCEDURE: Use self-contained breathing apparatus because oxides of nitrogen are generated on combustion.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 1,000 mg/kg (Oral Rat) SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Unknown DEGREE OF IRRITATION: \_\_\_\_\_

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: Remove to fresh air and obtain medical attention.

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: No special procedures required.

PROTECTIVE EQUIPMENT

Rubber Gloves, Safety Glasses

WASTE DISPOSAL

TYPE OF DRUM: All-Weather Pak

DRUM LABELING: Gold Label, Special Handling

EPA HAZARDOUS WASTE #: None

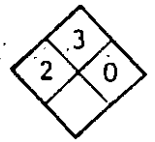
RHODE ISLAND CLASSIFICATION: 1C - Slightly Toxic

DISPOSAL METHOD: Incinerate with scrubber at McIntosh.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Sweep up and place in All-Weather Pak. Label as above.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE-ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Organic Sludge  
SHIPPING NAME Waste Flammable Solid, NOS  
PREPARER Elizabeth Thomas EFFECTIVE December 4, 1981  
ENVIRONMENTAL APPROVAL T. P. SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>	
<u>65-80</u>	<u>Toluene</u>	HALOGEN: <u>( 2 )</u> %
<u>20-35</u>	<u>Substituted Phenol and Organic Impurities</u>	SULFUR: <u>-</u> %
_____	_____	NITROGEN: <u>&lt;5</u> %

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Semi-Solid Sludge (Slurry)</u>	(BULK) DENSITY:	<u>.9-1.2</u>
WATER SOLUBILITY:	<u>Insoluble</u>	pH:	<u>7-12</u>
HEAT VALUE (MBTU/LB):	<u>9-12</u>	% ASH:	<u>2-5</u>
% SUSPENDED SOLIDS:	<u>15-25</u>		
IDENTITY:	<u>Substituted Phenols and Organic Impurities</u>		
% DISSOLVED NON-VOLATILES:	<u>5-10</u>		
IDENTITY:	<u>Substituted Phenols and Organic Impurities</u>		
LAYERING:	<u>Yes</u>		
UPPER:	<u>Toluene</u>		
LOWER:	<u>Toluene and Substituted Phenols and Organic Impurities</u>		
COLOR:	<u>Orange to Brown</u>		
ODOR:	<u>Aromatic</u>		
VISCOSITY:	<u>&gt;10,000 cps</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: 40 FLAMMABLE SOLID: Yes

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 500-5000 mg/kg SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight  
(Toluene)

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water for 15 minutes.  
INGESTION: Obtain immediate medical attention.  
INHALATION: Remove to fresh air.

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = N/A

HANDLING & STORAGE PRECAUTIONS: Store away from oxidizing materials and zinc.

PROTECTIVE EQUIPMENT

Respiratory, rubber gloves, eye protection

WASTE DISPOSAL

TYPE OF DRUM: 30 gallon, blo-lined, fiber pak (Code #93-952-304), overpacked in a 55 gallon, blue 5/8" bolt ring (H-17) unlined, reconditioned, DOT drum (Code #93-958-559)

DRUM LABELING: Gold, EPA Hazardous, Flammable Solid, Special Handling

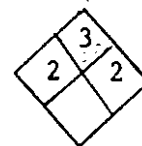
EPA HAZARDOUS WASTE #: FO05

RHODE ISLAND CLASSIFICATION: 1B-Moderately Toxic; 3C-Slightly Flammable; 7C-Slightly Irritating

DISPOSAL METHOD: Incinerate with scrubber.

ULTIMATE FATE: McIntosh incineration

SPILL OR LEAK PROCEDURE: Sweep up with sawdust and put in same drum as above.



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

GENERIC NAME Aliphatic Ether

SHIPPING NAME Waste Flammable Liquid, NOS

PREPARER Elizabeth Thomas

EFFECTIVE January 18, 1982

ENVIRONMENTAL APPROVAL T. Cox

SUPERSEDES None

COMPOSITION

% RANGE COMPOUND

90-98 DIALKYL ETHER

HALOGEN: ( -- ) %

<.1 ALIPHATIC AMINE

SULFUR: -- %

2-8 ALIPHATIC ALCOHOL

NITROGEN: -- %

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid

(BULK) DENSITY: 0.8

WATER SOLUBILITY: Slight

pH: --

HEAT VALUE (MBTU/LB): 9-12

% ASH: <1

% SUSPENDED SOLIDS: None

IDENTITY: \_\_\_\_\_

% DISSOLVED NON-VOLATILES: <0.1

IDENTITY: ALIPHATIC  
AMINE

LAYERING: None

UPPER: \_\_\_\_\_

LOWER: \_\_\_\_\_

COLOR: Colorless to  
Yellow Liquid

ODOR: Sweet, Nauseat-  
ing (Disagree-  
able

VISCOSITY: Low (<100 cp)

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: 15 FLAMMABLE SOLID: NA

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical - water may be ineffective.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Can form explosive mixtures with air. Residue from evaporation may explode because of peroxide.

HEALTH DATA

TOXICITY: LD<sub>50</sub> (Oral Rat) 10,000 Mg/Kg, Non-Hazard SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Unknown DEGREE OF IRRITATION: Unknown

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Flush with soap and water for 15 minutes.  
INGESTION: Obtain immediate medical attention.  
INHALATION: Remove to fresh air. Give artificial respiration if breathing has stopped. Call a physician.

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = NA

HANDLING & STORAGE PRECAUTIONS: Store away from oxidizing agents. Keep away from heat, spark or flame.

PROTECTIVE EQUIPMENT

Rubber gloves, organic cannister mask (Wilson GL or equivalent)

WASTE DISPOSAL

TYPE OF DRUM: T-5 or 55 gallon unlined tight-top bung, reconditioned, UL DOT steel drum (Code #93-957-559)

DRUM LABELING: Gold, EPA Hazardous, Flammable Liquid

EPA HAZARDOUS WASTE #: D001

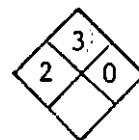
RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable Waste

DISPOSAL METHOD: Incinerate

ULTIMATE FATE: McIntosh incineration

SPILL OR LEAK PROCEDURE: Small spills: flush to drain. Large spills: Sweep up with sawdust. Contact Technical for disposal method.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Filter Media  
SHIPPING NAME Flammable Solid NOS  
PREPARER Donald Hill EFFECTIVE March 25, 1981  
ENVIRONMENTAL APPROVAL E. Prach SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>85-95</u>	<u>Filter Papers</u>	HALOGEN:	<u>(Chlorine) 2%</u>
<u>&lt;1</u>	<u>Zinc (Hydroxide/Oxide)</u>	SULFUR:	<u>          %</u>
<u>5-15</u>	<u>Chlorobenzene</u>	NITROGEN:	<u>          %</u>
_____	_____		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>0.9-1.0</u>
WATER SOLUBILITY:	<u>Insoluble</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>&lt;5</u>	% ASH:	<u>&lt;1</u>
% SUSPENDED SOLIDS:	<u>95</u>		
IDENTITY:	<u>Filter Papers</u>		
% DISSOLVED NON-VOLATILES:	<u>N/A</u>		
IDENTITY:	_____		
LAYERING:	<u>N/A</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>White to Slight Yellow Discolor- ation</u>		
ODOR:	<u>Aromatic Solvent</u>		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATAFLASH POINT °F: 90 (Chloro-  
benzene), Closed  
CupFLAMMABLE SOLID: YesEXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foamFIRE-FIGHTING PROCEDURE: Vapor is heavier than air and may travel a considerable  
distance to a source of ignition and flash back. Wear self-contained breathing  
apparatus.HEALTH DATATOXICITY: LD<sub>50</sub> >5,000 mg/kgSKIN IRRITANT: UnknownSKIN SENSITIZER: Unknown

DEGREE OF IRRITATION: \_\_\_\_\_

EMERGENCY AND FIRST AID PROCEDURESEYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.SKIN CONTACT: Wash with soap and water.INGESTION: Obtain immediate medical attention.

INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONSREACTIVE: NoCORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

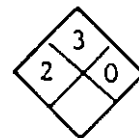
HANDLING & STORAGE PRECAUTIONS: Keep separate from oxidizing materials. Outside or  
detached storage is preferable.PROTECTIVE EQUIPMENTRubber gloves, respiratory, eye protectionWASTE DISPOSALTYPE OF DRUM: 30 gallon blo-lined, fiber pak (Code #93-952-304), overpacked in a  
55 gallon, blue 5/8 inch bolt ring (H-17) unlined, DOT drum  
(Code #93-958-559). Sawdust must be placed between the fiber pak  
and the H-17 drum.DRUM LABELING: Gold, Special Handling, Flammable Solid, EPA HazardousEPA HAZARDOUS WASTE #: D001RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable, R.I. Extremely  
Hazardous (Chlorobenzene)DISPOSAL METHOD: McIntosh incineration with scrubber.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Adsorb any liquids with sawdust and put in same type of  
drum as above.



CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Halogenated Solvent  
SHIPPING NAME Waste Flammable Solvent, (Chlorobenzene Solution)  
PREPARER Donald Hill E. Beach EFFECTIVE March 25, 1981  
ENVIRONMENTAL APPROVAL \_\_\_\_\_ SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>55-65</u>	<u>Chlorobenzene</u>	HALOGEN:	<u>(Chlorine) 18-21%</u>
<u>15-20</u>	<u>Methanol</u>	SULFUR:	<u>                  %</u>
<u>20-25</u>	<u>Ethanol</u>	NITROGEN:	<u>Trace %</u>
<u>Trace</u>	<u>Diethyl MALONATE</u>		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>1.0-1.2</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>--</u>
HEAT VALUE (MBTU/LB):	<u>14-18</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>None</u>		
IDENTITY:	_____		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Clear to Slight</u> <u>Yellow</u> <u>Discoloration</u>		
ODOR:	<u>Aromatic Solvent</u>		
VISCOSITY:	<u>Low (&lt;100 cp)</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: 80

FLAMMABLE SOLID: N/A

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam

FIRE-FIGHTING PROCEDURE: The vapor is heavier than air and may travel a considerable distance before ignition. Gives off toxic fumes when ignited.

Wear self-contained breathing apparatus.

HEALTH DATA

TLV: 75 ppm (Chlorobenzene)

TOXICITY: LD<sub>50</sub> 2,900 mg/kg

SKIN SENSITIZER: No

SKIN IRRITANT: Yes

DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Flush affected areas with large amounts of soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Keep away from heat, sparks or flame and oxidizing agents.

PROTECTIVE EQUIPMENT

Rubber gloves, respiratory, eye protection

WASTE DISPOSAL

TYPE OF DRUM: 55 gallon, unlined, tight-top bung, reconditioned, DOT steel drum (Code #93-957-559).

DRUM LABELING: Gold; Flammable Liquid, EPA Hazardous

EPA HAZARDOUS WASTE #: F002

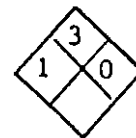
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic, Type 3B - Moderately Flammable, RI Extremely Hazardous (chlorobenzene), Type 7C - Slightly Irritating

DISPOSAL METHOD: Incineration with scrubber

ULTIMATE FATE: McIntosh incineration

SPILL OR LEAK PROCEDURE: Sweep up with sawdust and put in a plastic bag in a fiber drum. If necessary to meet DOT regulations, the fiber drum must be overpacked in a DOT H-7 drum. Label both drums.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Aliphatic Ketone  
SHIPPING NAME Waste Solvent, NOS  
PREPARER Don Hill EFFECTIVE November 30, 1982  
ENVIRONMENTAL APPROVAL *T. B.* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>32-37</u>	<u>Acetone</u>	HALOGEN:	<u>( ) 0%</u>
<u>63-68</u>	<u>Water</u>	SULFUR:	<u>0%</u>
<u>1-2</u>	<u>Substituted Pyrazolidinedione</u>	NITROGEN:	<u>0.1 Max. %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	_____
WATER SOLUBILITY:	<u>98%</u>	pH:	<u>7</u>
HEAT VALUE (MBTU/LB):	<u>&lt;10</u>	% ASH:	<u>None</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>1% - 2%</u>		
IDENTITY:	<u>Substituted Pyrazolidinedione</u>		
LAYERING:	<u>None</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Colorless to Light Yellow</u>		
ODOR:	<u>Lacquer-Like</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: Below -4 (Acetone) FLAMMABLE SOLID: \_\_\_\_\_

EXTINGUISHING MEDIA: Alcohol foam, carbon dioxide, dry chemical and water may be ineffective.

FIRE-FIGHTING PROCEDURE: \_\_\_\_\_

HEALTH DATA

TOXICITY: LD<sub>50</sub> 30,469, Oral-Rat (Calculated) SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: Remove to fresh air.

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Keep away from sparks or flame.

PROTECTIVE EQUIPMENT

Rubber gloves, eye protection, air-supplied hood or self-contained breathing apparatus for potential overexposure.

WASTE DISPOSAL

TYPE OF DRUM: Send to waste solvent tank but if drummed use unlined, TT, 55 gallon, reconditioned drum (Code #93-957-559).

DRUM LABELING: DOT Flammable Liquid, Gold, EPA Hazardous Waste, Special Handling

EPA HAZARDOUS WASTE #: F003

RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable Waste;  
Type 7C - Slightly Irritating Waste

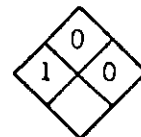
DISPOSAL METHOD: Incineration

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Clean up with absorbant, put in 30 gallon, blo-lined drum (Code #93-952-302), overpack in blue 5/8" bolt ring, H-17 drum (Code #93-958-559) label both drums as above.

ENV-WD-2GG,A3-4,S2

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Filter Media  
SHIPPING NAME Waste Organic Mixture  
PREPARER Don Hill EFFECTIVE November 30, 1982  
ENVIRONMENTAL APPROVAL T. Hill SUPERSEDES September 18, 1981

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>	
<u>15 - 20</u>	<u>Carbon</u>	HALOGEN: ( ) 0%
<u>10 - 15</u>	<u>Filter Aid</u>	SULFUR: %
<u>15 - 20</u>	<u>Paper</u>	NITROGEN: %
<u>45 - 60</u>	<u>Water</u>	
<u>Trace</u>	<u>Organics</u>	

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>0.9 - 1.0</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>7</u>
HEAT VALUE (MBTU/LB):	<u>N/A</u>	% ASH:	<u>10 - 15</u>
% SUSPENDED SOLIDS:	<u>40 - 55</u>		
IDENTITY:	<u>Carbon, Filter Aid and Papers</u>		
% DISSOLVED NON-VOLATILES:	<u>None</u>		
IDENTITY:	_____		
LAYERING:	<u>None</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Gray to Black Paste</u>		
ODOR:	<u>Odorless</u>		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: Unknown FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Water, Carbon Dioxide, Dry Chemical

FIRE-FIGHTING PROCEDURE: No special equipment necessary.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 4,862 mg/kg Calculated (Diatoma-  
ceous Earth = 3,160 mg/kg - Oral-  
Rat, NIOSH 1978) SKIN SENSITIZER: No  
DEGREE OF IRRITATION: \_\_\_\_\_

SKIN IRRITANT: No

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: None

PROTECTIVE EQUIPMENT

Rubber Gloves

WASTE DISPOSAL

TYPE OF DRUM: Blo-Line Drum (Code #93-952-302), Over-Packed in Blue 5/8" Bolt Ring  
H-17 Drum (Code #93-958-559)

DRUM LABELING: Gold, Special Handling

EPA HAZARDOUS WASTE #: None

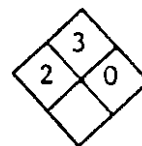
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic Waste

DISPOSAL METHOD: Incinerate

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Sweep up and place in drums and label both drums as above.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Halogenated Solvent  
SHIPPING NAME Waste Flammable Solvent, NOS  
(Chlorobenzene Solution)  
PREPARER Elizabeth Thomas EFFECTIVE June 22, 1981  
ENVIRONMENTAL APPROVAL T. Cox SUPERSEDES May 15, 1981

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>5-10</u>	<u>Pyrazolidinedione (Substituted)</u>	HALOGEN:	<u>(Chlorine) 30%</u>
<u>90-95</u>	<u>Chlorobenzene</u>	SULFUR:	<u>0 %</u>
_____	_____	NITROGEN:	<u>&lt;1 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>1.1</u>
WATER SOLUBILITY:	<u>None</u>	pH:	<u>-</u>
HEAT VALUE (MBTU/LB):	<u>14-18</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>5-10</u>		
IDENTITY:	<u>Same as above</u>		
LAYERING:	<u>None</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Dark Brown</u>		
ODOR:	<u>Chlorobenzene</u>		
VISCOSITY:	<u>Low (&lt;100 cp)</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: MCB: 85°

FLAMMABLE SOLID: N/A

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical or foam

FIRE-FIGHTING PROCEDURE: The vapor is heavier than air and may travel a considerable distance before ignition. Gives off toxic fumes when ignited. Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub>

MCB: 2910 mg/kg

SKIN SENSITIZER: Unknown

SKIN IRRITANT:

Yes

DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash exposed area with large amounts of soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = N/A

HANDLING & STORAGE PRECAUTIONS: Keep away from heat, flame and oxidizing agents.

PROTECTIVE EQUIPMENT

Rubber gloves, respiratory, eye protection

WASTE DISPOSAL

TYPE OF DRUM: 55 gallon, unlined, tight-top bung, reconditioned, DOT steel drum (Code #93-957-559).

DRUM LABELING: Gold, Flammable Liquid, EPA Hazardous

EPA HAZARDOUS WASTE #: F002

RHODE ISLAND CLASSIFICATION: Type 1C - slightly toxic; Type 3B - moderately flammable, R.I. Extremely Hazardous (chlorobenzene); Type 7C - slightly irritating.

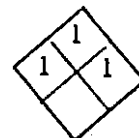
DISPOSAL METHOD: Incinerate with scrubber.

ULTIMATE FATE: McIntosh incineration

SPILL OR LEAK PROCEDURE: Sweep up with sawdust and put in a plastic bag. Label the bag. Contact Technical for disposal method.



CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Substituted Pyrazolidinedione  
SHIPPING NAME Waste Organic Solid, NOS.  
PREPARER Donald Hill EFFECTIVE October 14, 1982  
ENVIRONMENTAL APPROVAL *[Signature]* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>55-90</u>	<u>Substituted Pyrazolidinedione</u>	HALOGEN:	<u>(      ) 0%</u>
<u>10-45</u>	<u>Water</u>	SULFUR:	<u>0 %</u>
_____	_____	NITROGEN:	<u>7.4 Max.%</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>Approx. 1</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>&lt;10</u>	% ASH:	<u>None</u>
% SUSPENDED SOLIDS:	<u>N/A</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>N/A</u>		
IDENTITY:	_____		
LAYERING:	<u>N/A</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>White, Pinkish or Yellow</u>		
ODOR:	<u>None</u>		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: N/A FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Water, Carbon Dioxide or Dry Chemical

FIRE-FIGHTING PROCEDURE: Use self-contained breathing apparatus because oxides of nitrogen are generated on combustion.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 1,000 mg/kg (Oral Rat) SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Unknown DEGREE OF IRRITATION: \_\_\_\_\_

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: No special procedures required.

PROTECTIVE EQUIPMENT

Rubber Gloves, Safety Glasses

WASTE DISPOSAL

TYPE OF DRUM: 30 Gallon Fiber with H-17 Overpak

DRUM LABELING: Gold Label, Special Handling

EPA HAZARDOUS WASTE #: None

RHODE ISLAND CLASSIFICATION: 1C - Slightly Toxic

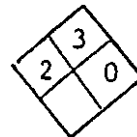
DISPOSAL METHOD: Incinerate with scrubber at McIntosh.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Sweep up and place in 30 gallon fiber drum. Label as above.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND

WASTE DATA SHEET



PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Aromatic Hydrocarbon  
SHIPPING NAME Waste Organic Liquid, NOS  
PREPARER Jeanne Kofsky EFFECTIVE July 8, 1982  
ENVIRONMENTAL APPROVAL *J. Kofsky* SUPERSEDES January 23, 1981

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>55-70</u>	<u>Xylene</u>	HALOGEN:	<u>( ) 0 %</u>
<u>0 - 5</u>	<u>Isopropanol</u>	SULFUR:	<u>0 %</u>
<u>5 - 15</u>	<u>Substituted Benzotriazoles</u>	NITROGEN:	<u>0.5-1.5 %</u>
<u>5 - 15</u>	<u>Related Amine Impurities</u>		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.9-0.95</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>9-12</u>
HEAT VALUE (MBTU/LB):	<u>&lt;16</u>	% ASH:	<u>0</u>
% SUSPENDED SOLIDS:	<u>0-5</u>		
IDENTITY:	<u>Substituted Benzotriazoles</u>		
% DISSOLVED NON-VOLATILES:	<u>10-30</u>		
IDENTITY:	<u>Substituted Benzotriazoles and Related Impurities</u>		
LAYERING:	<u>None</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Very Dark Red to Purple</u>		
ODOR:	<u>Sweet Solvent</u>		
VISCOSITY:	<u>Medium</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATAFLASH POINT °F: 84 (Xylene)FLAMMABLE SOLID: N/AEXTINGUISHING MEDIA: Carbon dioxide or dry chemical on small fires. Foam on large fires.FIRE-FIGHTING PROCEDURE: Use self-contained breathing apparatus. Water alone is ineffective. Use a water fog to control flames.HEALTH DATATOXICITY: LD<sub>50</sub> 5000 mg/kg (xylene)SKIN SENSITIZER: UnknownSKIN IRRITANT: YesDEGREE OF IRRITATION: SlightEMERGENCY AND FIRST AID PROCEDURESEYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.SKIN CONTACT: Wash with soap and water.INGESTION: Obtain immediate medical attention.

INHALATION: \_\_\_\_\_

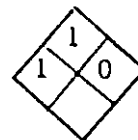
SPECIAL PRECAUTIONSREACTIVE: NoCORROSIVE: NoIF CORROSIVE pH = --HANDLING & STORAGE PRECAUTIONS: Flammable, breathing of vapor may be harmful.Causes eye injury and skin irritation. Keep away from heat, sparks and flame. Make sure area is well ventilated.PROTECTIVE EQUIPMENTRubber gloves, rubber apron, face shield, air hood or self-contained breathing apparatus for potential overexposure.WASTE DISPOSALTYPE OF DRUM: UL DOTDRUM LABELING: Flammable Liquid, EPA Hazardous, GoldEPA HAZARDOUS WASTE #: F003RHODE ISLAND CLASSIFICATION: 1C - Slightly Toxic, 3B - Moderately Flammable,  
7C - Slightly IrritatingDISPOSAL METHOD: Incinerate with scrubber.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Clean spill with absorbing agent (sawdust or Speedi-Dri) and place in plastic bag in fiber drum. Overpack in H-17 drum. Label as above, except, Flammable Solid instead of Flammable Liquid and add Special Handling.

ENV-WD-2GG, B17-18

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Substituted Dibenzazepine  
SHIPPING NAME Waste Organic Solid, NOS  
PREPARER Elizabeth Thomas EFFECTIVE September 24, 1982  
ENVIRONMENTAL APPROVAL T. Coy SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>100</u>	<u>Substituted Dibenzazepine</u>	HALOGEN:	<u>( -- ) 0%</u>
_____	_____	SULFUR:	<u>-- %</u>
_____	_____	NITROGEN:	<u>Approx. 12%</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>1 - 1.2</u>
WATER SOLUBILITY:	<u>Insoluble</u>	pH:	<u>6 - 8</u>
HEAT VALUE (MBTU/LB):	<u>9 - 12</u>	% ASH:	<u>&lt; 1</u>
% SUSPENDED SOLIDS:	<u>N/A</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>N/A</u>		
IDENTITY:	_____		
LAYERING:	<u>N/A</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>White to Off- White Crystalline</u>		
ODOR:	<u>--</u>		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: > 200 FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Water, Foam

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Combustion liberates oxides of nitrogen.

HEALTH DATA

TOXICITY: LD<sub>50</sub> Oral Rat ~ 4000 Mg/Kg (NIOSH 1978) SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Unknown DEGREE OF IRRITATION: Unknown

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Flush with water for 15 minutes.  
INGESTION: Obtain immediate medical attention.  
INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: \_\_\_\_\_

PROTECTIVE EQUIPMENT

Dust Mask, Rubber Gloves

WASTE DISPOSAL

TYPE OF DRUM: 50 Gallon, All-Weather Pak

DRUM LABELING: Gold, Special Handling

EPA HAZARDOUS WASTE #: --

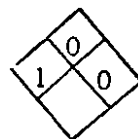
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic Waste

DISPOSAL METHOD: McIntosh incineration with scrubber.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Sweep up and put in same drum as above.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

GENERIC NAME Filter Media

SHIPPING NAME Waste Organic Mixture, NOS

PREPARER Everett Cote

EFFECTIVE February 16, 1983

ENVIRONMENTAL APPROVAL T. Cote

SUPERSEDES November 19, 1980

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>
<u>20-25</u>	<u>Carbon</u>
<u>10-15</u>	<u>Filter Aid</u>
<u>40-55</u>	<u>Water</u>
<u>Trace</u>	<u>Organics</u>

HALOGEN: ( -- ) %

SULFUR: -- %

NITROGEN: -- %

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE: Mixed

(BULK) DENSITY: 0.9 - 1.0

WATER SOLUBILITY: Partial

pH: 7

HEAT VALUE (MBTU/LB): N/A

% ASH: 10 - 15

% SUSPENDED SOLIDS: 40 - 50

IDENTITY: Carbon, Filter Aid and Papers

% DISSOLVED NON-VOLATILES: None

IDENTITY: \_\_\_\_\_

LAYERING: None

UPPER: \_\_\_\_\_

LOWER: \_\_\_\_\_

COLOR: Gray to Black Paste

ODOR: Odorless

VISCOSITY: N/A

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: N/A FLAMMABLE SOLID: NO

EXTINGUISHING MEDIA: Water, Carbon Dioxide, Dry Chemical

FIRE-FIGHTING PROCEDURE: No special equipment necessary.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 4,862 mg/kg Calculated (Diatoma- SKIN SENSITIZER: No  
ceous Earth = 3,160 mg/kg - Oral - DEGREE OF IRRITATION: \_\_\_\_\_  
Rat, NIOSH 1978)

SKIN IRRITANT: No

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: None

PROTECTIVE EQUIPMENT

Rubber gloves, eye protection

WASTE DISPOSAL

TYPE OF DRUM: Blo-Line Drum (Code #93-952-302), Over-Packed in Blue 5/8" Bolt-Ring  
H-17 Drum (Code (Code #93-958-559).

DRUM LABELING: Gold, Special Handling

EPA HAZARDOUS WASTE #: None

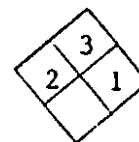
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic Waste

DISPOSAL METHOD: Incinerate

ULTIMATE FATE: McIntosh incineration

SPILL OR LEAK PROCEDURE: Sweep up and place in drums and label both drums as above.





WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Aromatic Hydrocarbon  
SHIPPING NAME Waste Flammable Solvent, NOS  
PREPARER Elizabeth Thomas EFFECTIVE June 4, 1982  
ENVIRONMENTAL APPROVAL *T. G.* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>65 - 98</u>	<u>Toluene</u>	HALOGEN:	<u>( -- ) %</u>
<u>0 - 30</u>	<u>Acetone</u>	SULFUR:	<u>-- %</u>
<u>2 - 15</u>	<u>Dibenzazepine and Substituted By-Products of Dibenzazepine</u>	NITROGEN:	<u>&lt;1 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.8 - 1.0</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>12 - 16</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>2 - 5%</u>		
IDENTITY:	<u>Dibenzazepine and Substituted By-Products of Dibenzazepine</u>		
LAYERING:	<u>No</u>		
UPPER:	<u>--</u>		
LOWER:	<u>--</u>		
COLOR:	<u>Yellow to Brown Liquid</u>		
ODOR:	<u>Paint Thinner</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATAFLASH POINT °F: 40FLAMMABLE SOLID: N/AEXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Water cannot be used to fight toluene fires. Water will cause the fire to spread. However, a fine water fog used in conjunction with foam will cool the vapors so as to reduce the possibility of "flash back".

HEALTH DATATOXICITY: LD<sub>50</sub> Approximately 3000 mg/kg.SKIN SENSITIZER: UnknownSKIN IRRITANT: YesDEGREE OF IRRITATION: SlightEMERGENCY AND FIRST AID PROCEDURESEYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.SKIN CONTACT: Wash with soap and water.INGESTION: Obtain immediate medical attention.INHALATION: Remove to fresh air.SPECIAL PRECAUTIONSREACTIVE: NoCORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

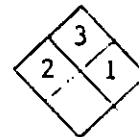
HANDLING & STORAGE PRECAUTIONS: Flammable. Breathing of vapors may be harmful. Causes eye injury and skin irritation. Keep away from heat, sparks and flame. Make sure area is well ventilated.

PROTECTIVE EQUIPMENTRubber gloves and air-supplied hood for potential over-exposure.WASTE DISPOSALTYPE OF DRUM: A) 55 Gallon Unlined, Tight-Top, Bung, Reconditioned, DOT Steel Drum (Code #93-957-559) B) T-1, Direct Pipeline TransferDRUM LABELING: Gold, EPA Hazardous, Flammable liquidEPA HAZARDOUS WASTE #: F005, F003RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic Waste; Type 3B - Moderately Flammable Waste; Type 7C - Slightly Irritating WasteDISPOSAL METHOD: IncinerationULTIMATE FATE: McIntosh Incineration

SPILL OR LEAK PROCEDURE: Clean up spills with Speedi-Dri and place in a plastic bag in fiber drum. If necessary to meet DOT regulations, the fiber drum must be over-packed in a DOT H-17 drum. Label both drums.

ENV-WD-2GG, B5-6

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

GENERIC NAME Substituted Dibenzazepines

SHIPPING NAME Waste Flammable Solid, NOS

PREPARER Elizabeth Thomas EFFECTIVE June 11, 1982

ENVIRONMENTAL APPROVAL *J. Cop* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>60-75</u>	<u>Substituted Dibenzazepine</u>	HALOGEN:	<u>( -- ) 0%</u>
<u>15-30</u>	<u>Toluene</u>	SULFUR:	<u>-- %</u>
<u>0-10</u>	<u>Acetone</u>	NITROGEN:	<u>8-12 %</u>
<u>5-25</u>	<u>Dibenzazepine, Dihydrodibenzazepine And Other Substituted Dibenzazepine</u>		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>1 - 1.2</u>
WATER SOLUBILITY:	<u>Insoluble</u>	pH:	<u>5 - 7</u>
HEAT VALUE (MBTU/LB):	<u>9-12</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>N/A</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>N/A</u>		
IDENTITY:	_____		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Yellow to Greenish Solids</u>		
ODOR:	<u>Paint Thinner</u>		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: -5 (Acetone) FLAMMABLE SOLID: Yes  
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam  
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Water cannot be used to fight toluene fires. Water will cause the fire to spread. However, a fine water fog used in conjunction with foam will cool the vapors so as to reduce the possibility of "flash back".

HEALTH DATA

TOXICITY: LD<sub>50</sub> Approximately 4300 mg/kg SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: Remove to fresh air.

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Flammable. Breathing of vapors may be harmful. Causes eye injury and skin irritation. Keep away from heat, sparks and flame. Make sure area is well ventilated.

PROTECTIVE EQUIPMENT

Rubber gloves, eye protection and air-supplied hood for potential over-exposure.

WASTE DISPOSAL

TYPE OF DRUM: 30 Gallon, Blo-Lined, Fiber Drum (Code #93-952-304) overpacked in a 55 Gallon Blue, 5/8 Inch Bolt Ring (H-17), Unlined DOT Steel Drum (Code #93-958-559). Sawdust must be placed between drums. Label both drums.

DRUM LABELING: Gold, Flammable Solid, EPA Hazardous, Special Handling

EPA HAZARDOUS WASTE #: F005, F003

RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic Waste; Type 3B - Moderately Flammable Waste; Type 7C - Slightly Irritating Waste.

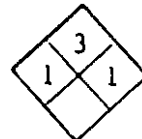
DISPOSAL METHOD: Incineration with scrubber.

ULTIMATE FATE: McIntosh incineration.

SPILL OR LEAK PROCEDURE: Sweep up and put in same drum as above.

ENV-WD-2GG, B7-8

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Substituted Dibenzazepines  
SHIPPING NAME Waste Flammable Solid, NOS  
PREPARER Elizabeth Thomas EFFECTIVE June 25, 1982  
ENVIRONMENTAL APPROVAL *T. Cif* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>45-75</u>	<u>Papers</u>	HALOGEN:	<u>( -- ) 0%</u>
<u>25-50</u>	<u>Dibenzazepine, Substituted</u>	SULFUR:	<u>-- %</u>
<u>5-10</u>	<u>Toluene</u>	NITROGEN:	<u>3 - 7 %</u>
<u>5-10</u>	<u>Dibenzazepine, Dihydrodibenzazepine And Other Substituted Dibenzazepines</u>		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>1 - 1.2</u>
WATER SOLUBILITY:	<u>Insoluble</u>	pH:	<u>5 - 7</u>
HEAT VALUE (MBTU/LB):	<u>9-12</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>N/A</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>N/A</u>		
IDENTITY:	_____		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Yellow to Green- ish Solids/Papers</u>		
ODOR:	<u>Paint Thinner</u>		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

#### FIRE HAZARD DATA

FLASH POINT °F: 40° (Toluene) FLAMMABLE SOLID: Yes

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Water cannot be used to fight toluene fires. Water will cause the fire to spread. However, a fine water fog used in conjunction with foam will cool the vapors so as to reduce the possibility of "flash back".

#### HEALTH DATA

TOXICITY: LD<sub>50</sub> Approximately 6000 mg/kg SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight

#### EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: Remove to fresh air.

#### SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Flammable. Breathing of vapors may be harmful.  
Causes eye injury and skin irritation. Keep away from heat, sparks and flame. Make sure area is well ventilated.

#### PROTECTIVE EQUIPMENT

Rubber gloves, eye protection and air-supplied hood for potential over-exposure.

#### WASTE DISPOSAL

TYPE OF DRUM: 30 gallon, blo-lined, fiber drum (Code #93-952-304) overpacked in a 55 gallon blue, 5/8 inch bolt ring (H-17), unlined DOT steel drum (Code #93-958-559). Sawdust must be placed between drums. Label both drums.

DRUM LABELING: Gold, Flammable Solid, EPA Hazardous, Special Handling

EPA HAZARDOUS WASTE #: F005

RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable Waste;  
Type 7C - Slightly Irritating Waste

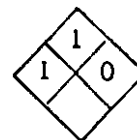
DISPOSAL METHOD: Incineration with scrubber.

ULTIMATE FATE: McIntosh incineration.

SPILL OR LEAK PROCEDURE: Sweep up and put in same drum as above.

ENV-WD-2GG, B11-12

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Substituted Dibenzazepine  
SHIPPING NAME Waste Organic Solid, NOS  
PREPARER Elizabeth Thomas EFFECTIVE September 24, 1982  
ENVIRONMENTAL APPROVAL T. Cox SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>98-100</u>	<u>Dibenzazepine, substituted</u>	HALOGEN:	<u>( -- ) 0%</u>
<u>0-2</u>	<u>Substituted Dibenzazepines</u>	SULFUR:	<u>-- %</u>
		NITROGEN:	<u>Approx. 12%</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>1 - 1.2</u>
WATER SOLUBILITY:	<u>Insoluble</u>	pH:	<u>6 - 8</u>
HEAT VALUE (MBTU/LB):	<u>9 - 12</u>	% ASH:	<u>&lt; 1</u>
% SUSPENDED SOLIDS:	<u>N/A</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>N/A</u>		
IDENTITY:	_____		
LAYERING:	<u>N/A</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>White to Yellowish or Pink Crystalline Powder</u>		
ODOR:	<u>--</u>		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: > 200 FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Water, Foam

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Combustion liberates oxides of nitrogen.

HEALTH DATA

TOXICITY: LD<sub>50</sub> Oral Rat 4000 Mg/Kg (NIOSH 1978) SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Unknown DEGREE OF IRRITATION: Unknown

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Flush with water for 15 minutes.  
INGESTION: Obtain immediate medical attention.  
INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: \_\_\_\_\_

PROTECTIVE EQUIPMENT

Dust Mask, Rubber Gloves

WASTE DISPOSAL

TYPE OF DRUM: 50 Gallon, All-Weather Pak

DRUM LABELING: Gold, Special Handling

EPA HAZARDOUS WASTE #: --

RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic Waste

DISPOSAL METHOD: McIntosh incineration with scrubber.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Sweep up and put in same drum as above.



CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Substituted Dibenzazepines  
SHIPPING NAME Waste Organic Solid, NOS  
PREPARER Elizabeth Thomas EFFECTIVE September 24, 1982  
ENVIRONMENTAL APPROVAL *T. G.* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>5-10</u>	<u>Dibenzazepines, Dihydrobenzazepines</u> <u>and Other Substituted Dibenzazepines</u>	HALOGEN:	<u>( -- ) 0%</u>
<u>90-95</u>	<u>Dibenzazepine, Substituted</u>	SULFUR:	<u>-- %</u>
		NITROGEN:	<u>Approx. 12%</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>1 - 1.2</u>
WATER SOLUBILITY:	<u>Insoluble</u>	pH:	<u>6 - 8</u>
HEAT VALUE (MBTU/LB):	<u>9 - 12</u>	% ASH:	<u>&lt; 1</u>
% SUSPENDED SOLIDS:	<u>N/A</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>N/A</u>		
IDENTITY:	_____		
LAYERING:	<u>N/A</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Off-White to</u> <u>Yellow Powder</u>		
ODOR:	<u>--</u>		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: > 200

FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Water, Foam

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Combustion liberates oxides of nitrogen.

HEALTH DATA

TOXICITY: LD<sub>50</sub> Oral Rat Approx. 3060 Mg/Kg  
(Estimated)

SKIN SENSITIZER: Unknown

SKIN IRRITANT: Unknown

DEGREE OF IRRITATION: Unknown

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Flush with water for 15 minutes.

INGESTION: Obtain immediate medical attention.

INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: \_\_\_\_\_

PROTECTIVE EQUIPMENT

Dust Mask, Rubber Gloves

WASTE DISPOSAL

TYPE OF DRUM: 50 Gallon, All-Weather Pak

DRUM LABELING: Gold, Special Handling

EPA HAZARDOUS WASTE #: --

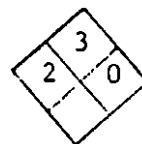
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic Waste

DISPOSAL METHOD: McIntosh incineration with scrubber.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Sweep up and put in same drum as above.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Non-Halogenated Solvent  
SHIPPING NAME Waste Solvent, NOS  
PREPARER Ian Campbell EFFECTIVE April 19, 1982  
ENVIRONMENTAL APPROVAL *J. P. A.* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>	
<u>75-95</u>	<u>Toluene</u>	HALOGEN: Cl ( <u>&lt;1.0%</u> ) <u>0%</u>
<u>5-15</u>	<u>Organics AND substituted benzo-triazoles and By-Products)</u>	SULFUR: <u>0</u> %
<u>0-2</u>	<u>Water</u>	NITROGEN: <u>1 - 2</u> %
<u>0-5</u>	<u>Isopropanol</u>	

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.9</u>
WATER SOLUBILITY:	<u>Slight</u>	pH:	<u>3 - 6</u>
HEAT VALUE (MBTU/LB):	<u>15 - 18</u>	% ASH:	<u>&lt;1%</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	<u>--</u>		
% DISSOLVED NON-VOLATILES:	<u>5 - 15</u>		
IDENTITY:	<u>See Above</u>		
LAYERING:	<u>None</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Black</u>		
ODOR:	<u>Gasoline</u>		
VISCOSITY:	<u>Low (&lt;100 cps)</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: 40 (Toluene)

FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Carbon dioxide on dry chemical. Water may be ineffective.

Use water fog to cool flame.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 5000 mg/kg

SKIN SENSITIZER: \_\_\_\_\_

SKIN IRRITANT: Yes

DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water for 15 minutes. Obtain medical attention.

INGESTION: Obtain immediate medical attention.

INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Keep away from heat, sparks and open flame.

PROTECTIVE EQUIPMENT

Face Shield, Rubber Gloves

WASTE DISPOSAL

TYPE OF DRUM: UL DOT Tight Top Bung or Transfer to T-1

DRUM LABELING: Gold, EPA Hazardous, DOT Flammable Liquid, Special Handling

EPA HAZARDOUS WASTE #: D001

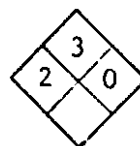
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic; Type 3B - Moderately Flammable; Type 7C - Slightly Irritating

DISPOSAL METHOD: Incineration

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Soak up with sawdust or Speedi-Dri and place in fiber drum for incineration.

ENV-WD-2GG, A13-14



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Non-Halogenated Solvent  
SHIPPING NAME Waste Flammable Solvent, NOS  
PREPARER Ian Campbell EFFECTIVE April 19, 1982  
ENVIRONMENTAL APPROVAL *J. Camp* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>	
<u>75-95</u>	<u>Xylene</u>	HALOGEN: Cl ( <u>&lt;1.0</u> ) <u>0%</u>
<u>5-15</u>	<u>Organics ( Substituted Benzo-triazoles and By-Products)</u>	SULFUR: <u>0</u> %
<u>0-2</u>	<u>Water</u>	NITROGEN: <u>1 - 2</u> %
<u>0-5</u>	<u>Isopropanol</u>	

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.9</u>
WATER SOLUBILITY:	<u>Slight</u>	pH:	<u>3 - 6</u>
HEAT VALUE (MBTU/LB):	<u>15 - 18</u>	% ASH:	<u>&lt;1%</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>5 - 15</u>		
IDENTITY:	<u>See Above</u>		
LAYERING:	<u>None</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Black</u>		
ODOR:	<u>Gasoline</u>		
VISCOSITY:	<u>Low (&lt;100 cps)</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: 80-88 (Xylene)

FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Carbon dioxide on dry chemical. Water may be ineffective.

Use water fog to cool flame.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 5000 mg/kg (Xylene)

SKIN SENSITIZER: \_\_\_\_\_

SKIN IRRITANT: Yes

DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water for 15 minutes. Obtain medical attention.

INGESTION: Obtain immediate medical attention.

INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Keep away from heat, sparks and open flame.

PROTECTIVE EQUIPMENT

Face Shield, Rubber Gloves

WASTE DISPOSAL

TYPE OF DRUM: UL DOT Tight Top Bung or Transfer to T-1

DRUM LABELING: Gold, EPA Hazardous, DOT Flammable Liquid, Special Handling

EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic; Type 3B - Moderately Flammable; Type 7C - Slightly Irritating

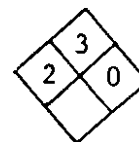
DISPOSAL METHOD: Incineration

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Soak up with sawdust or Speedi-Dri and place in fibre drum for incineration.

ENV-WD-2GG, A11-12

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Alcohol Aromatic Hydrocarbon  
SHIPPING NAME Waste Solvent NOS  
PREPARER Stephen Spearman EFFECTIVE November 18, 1982  
ENVIRONMENTAL APPROVAL T. Cp SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>55-65</u>	<u>Xylene</u>	HALOGEN:	<u>( 0 ) 0%</u>
<u>35-45</u>	<u>Isopropanol</u>	SULFUR:	<u>0 %</u>
<u>Trace</u>	<u>Nitrobenzene</u>	NITROGEN:	<u>0 %</u>
<u>0-2</u>	<u>Organic Impurities</u>		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.8</u>
WATER SOLUBILITY:	<u>Partial (IPA)</u>	pH:	<u>6-7</u>
HEAT VALUE (MBTU/LB):	<u>16</u>	% ASH:	<u>0</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	<u>--</u>		
% DISSOLVED NON-VOLATILES:	<u>None</u>		
IDENTITY:	<u>--</u>		
LAYERING:	<u>No</u>		
UPPER:	<u>--</u>		
LOWER:	<u>--</u>		
COLOR:	<u>Amber</u>		
ODOR:	<u>Paint Thinner</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: 53 (IPA)

FLAMMABLE SOLID: ---

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 4800 mg/kg

SKIN SENSITIZER: No

SKIN IRRITANT: Yes

DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: Remove to fresh air.

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = --

HANDLING & STORAGE PRECAUTIONS: Store away from heat, spark and flame.

PROTECTIVE EQUIPMENT

Rubber Gloves, Eye Protection.

WASTE DISPOSAL

TYPE OF DRUM: UL DOT

DRUM LABELING: Gold, EPA Hazardous, Flammable Liquid

EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: 3A - Highly Flammable; 7C - Slightly Irritating;  
1C - Slightly Toxic.

DISPOSAL METHOD: Incinerate.

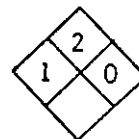
ULTIMATE FATE: ---

SPILL OR LEAK PROCEDURE: Absorb on sawdust. Place in a fiber drum and overpack  
in an H-17 drum. Label both drums as above.

ENV-WD-2GG, S1, A19-20



CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Aromatic Hydrocarbon  
SHIPPING NAME Waste Solvent NOS  
PREPARER Stephen Spearman EFFECTIVE November 18, 1982  
ENVIRONMENTAL APPROVAL *T. C.* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>50-70</u>	<u>Isopropanol</u>	HALOGEN:	<u>( 0 ) 0%</u>
<u>30-50</u>	<u>Water</u>	SULFUR:	<u>0 %</u>
<u>Trace</u>	<u>Xylene</u>	NITROGEN:	<u>0 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	DENSITY:	<u>0.9</u>
WATER SOLUBILITY:	<u>Soluble</u>	pH:	<u>6-7</u>
HEAT VALUE (MBTU/LB):	<u>8</u>	% ASH:	<u>0</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	<u>--</u>		
% DISSOLVED NON-VOLATILES:	<u>None</u>		
IDENTITY:	<u>--</u>		
LAYERING:	<u>No</u>		
UPPER:	<u>--</u>		
LOWER:	<u>--</u>		
COLOR:	<u>Amber</u>		
ODOR:	<u>Rubbing Alcohol</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: 53 (Isopropanol)

FLAMMABLE SOLID: ---

EXTINGUISHING MEDIA: Water, carbon dioxide, dry chemical.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> \_\_\_\_\_

8340 mg/kg

SKIN SENSITIZER: \_\_\_\_\_

No

SKIN IRRITANT: \_\_\_\_\_

No

DEGREE OF IRRITATION: \_\_\_\_\_

---

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: Remove to fresh air.

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = ---

HANDLING & STORAGE PRECAUTIONS: Store away from heat, spark and flame.

PROTECTIVE EQUIPMENT

Rubber Gloves, Eye Protection.

WASTE DISPOSAL

TYPE OF DRUM: UL DOT

DRUM LABELING: Gold, EPA Hazardous, Flammable Liquid

EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: 3B - Moderately Flammable

DISPOSAL METHOD: Incinerate.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Flush to drain with plenty of water.

2

—

30

—

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: None FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Water, carbon dioxide

FIRE-FIGHTING PROCEDURE: Use self-contained breathing apparatus since oxides of nitrogen may form.

HEALTH DATA

TOXICITY: LD<sub>50</sub> High SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Moderate

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION:

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: Yes

IF CORROSIVE pH = 1.5-2.0

HANDLING & STORAGE PRECAUTIONS: Avoid contact with skin because o-nitroaniline is absorbed through skin.

PROTECTIVE EQUIPMENT

Rubber gloves, apron, face shield.

WASTE DISPOSAL

TYPE OF DRUM: 55 gallon blue 5/8 inch bolt ring (H-17) with 30 gallon blo-lined fiber drum insert (Code #93-952-304). Both drums must be labeled.

DRUM LABELING: Gold, DOT Corrosive, EPA Hazardous Waste, Secure Landfill, DOT Poison

EPA HAZARDOUS WASTE #: D002

RHODE ISLAND CLASSIFICATION: Type 1B - Highly Toxic Waste, Type 4 - Corrosive Waste

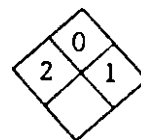
DISPOSAL METHOD: Secure landfill.

ULTIMATE FATE: If dries out, may form explosive diazo mixtures.

SPILL OR LEAK PROCEDURE: Sweep up, place under water in a drum and fill with Speedi-Dri and label as above.

ENV-WD-2, B9-10, S2

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME FILTRER RESIDUE CODE NUMBER \_\_\_\_\_  
GENERIC NAME Substituted Triazine  
SHIPPING NAME Waste Poisonous Solid, Corrosive, NOS  
PREPARER Stephen Spearman EFFECTIVE November 18, 1982  
ENVIRONMENTAL APPROVAL J. Coy SUPERSEDES None

COMPOSITION

% RANGE	COMPOUND	
70-80	Water	HALOGEN: <u>(Chlorine) 0.2%</u>
15-25	<u>substituted</u> -Triazine	SULFUR: <u>0 %</u>
0.5-1	Diazonium Chloride	NITROGEN: <u>7 %</u>
1-5	Ortho-Nitroaniline	
.5-2	Polypropylene Filter Bags	
0.05-		
0.15	HCl	

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Mixed Waste</u>	(BULK) DENSITY:	<u>1.0-1.2</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>1.5-2.0</u>
HEAT VALUE (MBTU/LB):	<u>N/A</u>	% ASH:	<u>1-2</u>
% SUSPENDED SOLIDS:	<u>20</u>		
IDENTITY:	<u>substituted Triazine and O-nitroaniline</u>		
% DISSOLVED NON-VOLATILES:	<u>1-3</u>		
IDENTITY:	<u>Substituted Triazine</u>		
LAYERING:	<u>Yes</u>		
UPPER:	<u>Water</u>		
LOWER:	<u>Substituted Triazine and Filter Bags</u>		
COLOR:	<u>Yellow</u>		
ODOR:	<u>Faint Shoe Polish</u>		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: None FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Water, Carbon Dioxide, Foam

FIRE-FIGHTING PROCEDURE: Use self-contained breathing apparatus since oxides of nitrogen may form.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 50 - 500 mg/kg SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Moderate

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: Yes IF CORROSIVE pH = 1.5-2.0

HANDLING & STORAGE PRECAUTIONS: Avoid contact with skin because o-nitroaniline is absorbed through the skin.

PROTECTIVE EQUIPMENT

Rubber Gloves, Apron, Face Shield

WASTE DISPOSAL

TYPE OF DRUM: 55 gallon blue, 5/8 inch, bolt-ring (H-17) with 30 gallon blo-lined fiber drum insert (Code #93-952-304). Both drums must be labeled.

DRUM LABELING: Gold, DOT Corrosive, EPA Hazardous Waste, Secure Landfill, Special Handling

EPA HAZARDOUS WASTE #: D002

RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic; Type 4 - Corrosive Waste.

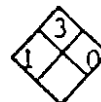
DISPOSAL METHOD: Secure landfill.

ULTIMATE FATE: If dries out, it may form explosive diazo mixtures.

SPILL OR LEAK PROCEDURE: Sweep up, place under water in a drum and fill with Speedi-Dri and label as above.

ENV-WD-2GG, B15-16

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



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WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Non-Halogenated Solvent and Water  
SHIPPING NAME Waste Solvent (Alcohol Solution)  
PREPARER Todd Brennan EFFECTIVE November 19, 1980  
ENVIRONMENTAL APPROVAL E Beash SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>55-65</u>	<u>Isopropyl Alcohol</u>	HALOGEN:	<u>0%</u>
<u>35-45</u>	<u>Water</u>	SULFUR:	<u>0%</u>
<u>Trace</u>	<u>Xylene</u>	NITROGEN:	<u>0%</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.89</u>
WATER SOLUBILITY:	<u>Infinite</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>8.2</u>	% ASH:	<u>0</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>None</u>		
IDENTITY:	_____		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Clear</u>		
ODOR:	<u>Rubbing Alcohol</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: 53°F

FLAMMABLE SOLID: N/A

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical and alcohol type foams.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> Non-Hazardous

SKIN SENSITIZER: Unknown

SKIN IRRITANT: No

DEGREE OF IRRITATION:

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush with water for 15 minutes. Get medical attention.

SKIN CONTACT: Wash with water.

INGESTION:

INHALATION:

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = N/A

HANDLING & STORAGE PRECAUTIONS: Storage should be in non-combustible surroundings.

Keep away from heat, spark or flame.

PROTECTIVE EQUIPMENT

Rubber gloves and face shield.

WASTE DISPOSAL

TYPE OF DRUM: Non-chlorinated waste solvent tank or 55 gallon, unlined, tight-top bung, reconditioned DOT steel drum, (Code #93-957-559).

DRUM LABELING: DOT Flammable Liquid, Gold label, EPA Hazardous Waste

EPA HAZARDOUS WASTE #: D001

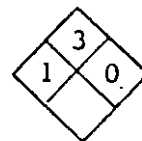
RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable

DISPOSAL METHOD: Incineration

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Flush down drain with plenty of water.





WASTE DATA SHEET

PRODUCT NAME

CODE NUMBER

GENERIC NAME Non-Halogenated Solvent

SHIPPING NAME Waste Solvent (Xylene Solution)

PREPARER Ian Campbell

EFFECTIVE May 18, 1981

ENVIRONMENTAL APPROVAL

SUPERSEDES November 19, 1980

COMPOSITION

% RANGE COMPOUND

40 Isopropyl Alcohol

HALOGEN: 0%

60 Xylene

SULFUR: 0%

0-2 Organic Impurities

NITROGEN: 0%

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:

Liquid

(BULK) DENSITY: 0.8

WATER SOLUBILITY:

Partial

pH: N/A

HEAT VALUE (MBTU/LB):

16

% ASH: 0

% SUSPENDED SOLIDS:

None

IDENTITY:

% DISSOLVED NON-VOLATILES:

None

IDENTITY:

LAYERING:

No

UPPER:

LOWER:

COLOR:

Amber

ODOR:

Hydrocarbon and  
Alcohol

VISCOSITY:

Low

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: 53°F (Isopropyl Alcohol)

FLAMMABLE SOLID: N/A

EXTINGUISHING MEDIA: Carbon dioxide or dry chemical on small fires. Foam on large fires.

FIRE-FIGHTING PROCEDURE: Use self-contained breathing apparatus. Water may be ineffective. Use a spray (fog) to control flames.

HEALTH DATA

TOXICITY: LD<sub>50</sub> Non-Toxic  
SKIN IRRITANT: Yes

SKIN SENSITIZER: Unknown  
DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush with water for 15 minutes. Get medical attention.

SKIN CONTACT: Wash with water.

INGESTION:

INHALATION:

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = N/A

HANDLING & STORAGE PRECAUTIONS: Keep away from heat, spark and flame.

PROTECTIVE EQUIPMENT

Rubber gloves and face shield.

WASTE DISPOSAL

TYPE OF DRUM: Normally piped directly to storage tank or 55 gallon, unlined, tight-top bung, reconditioned DOT steel drum.

DRUM LABELING: DOT Flammable Liquid, Gold label, EPA Hazardous Waste

EPA HAZARDOUS WASTE #: D001

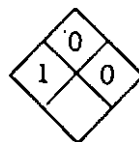
RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable Waste, Type 7C - Slightly Irritating Waste

DISPOSAL METHOD: Incineration

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Clean up spills with absorbing agent (saw dust) and place in a fiber drum and over pack into a H-17 steel drum. Label both drums as above.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME

CODE NUMBER

GENERIC NAME Filter Media

SHIPPING NAME Organic Mixtures/Non-Hazardous

PREPARER Ian Campbell

EFFECTIVE May 18, 1981

ENVIRONMENTAL APPROVAL T. C.

SUPERSEDES November 19, 1980

COMPOSITION

% RANGE COMPOUND

50-60 Filtrol Special Grade 4 (Clay  
Adsorbent

HALOGEN: 0%

40-50 Water

SULFUR: 0%

0.5-3 Filter Papers

NITROGEN: 0%

Trace Isopropyl Alcohol

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE: Mixed Waste

(BULK) DENSITY: 1.0-1.2

WATER SOLUBILITY: Partially

pH: 7-9

HEAT VALUE (MBTU/LB): 0

% ASH: 50-60

% SUSPENDED SOLIDS: 50-60

IDENTITY: Filtrol Special  
Grade 4

% DISSOLVED NON-VOLATILES: None

IDENTITY:

LAYERING: No

UPPER:

LOWER:

COLOR: Grey

ODOR: None

VISCOSITY: N/A

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: \_\_\_\_\_

FLAMMABLE SOLID: N/A

EXTINGUISHING MEDIA: N/A

FIRE-FIGHTING PROCEDURE: None

HEALTH DATA

TOXICITY: LD<sub>50</sub> Non-Hazardous

SKIN SENSITIZER: No

SKIN IRRITANT: No

DEGREE OF IRRITATION: \_\_\_\_\_

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush with water for 15 minutes. Get medical attention.

SKIN CONTACT: Wash with water.

INGESTION: \_\_\_\_\_

INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = N/A

HANDLING & STORAGE PRECAUTIONS: None required.

PROTECTIVE EQUIPMENT

Rubber gloves and eye protection.

WASTE DISPOSAL

TYPE OF DRUM: 55 gallon, lined, lever lock, H-5 reconditioned, open top steel drum.

DRUM LABELING: Gold label with Non-Hazardous written on it.

EPA HAZARDOUS WASTE #: \_\_\_\_\_

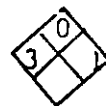
RHODE ISLAND CLASSIFICATION: Non-Hazardous

DISPOSAL METHOD: Local landfill.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Sweep up and place in drums as above.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Filter Media  
SHIPPING NAME Poisonous Solid, Corrosive NOS  
PREPARER Todd Brennan EFFECTIVE November 19, 1980  
ENVIRONMENTAL APPROVAL E Beach SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>70-80</u>	<u>Water</u>	HALOGEN:	<u>(Chlorine)0.2%</u>
<u>15-25</u>	<u>Substituted Triazine</u>	SULFUR:	<u>0 %</u>
<u>0.5-1</u>	<u>Diazonium Chloride</u>	NITROGEN:	<u>7 %</u>
<u>1-5</u>	<u>Ortho-nitroaniline</u>		
<u>.5-2</u>	<u>Polypropylene Filter Bags</u>		
<u>0.05-0.15</u>	<u>HCl</u>		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Mixed Waste</u>	(BULK) DENSITY:	<u>1.0-1.2</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>1.5-2</u>
HEAT VALUE (MBTU/LB):	<u>N/A</u>	% ASH:	<u>1-2</u>
% SUSPENDED SOLIDS:	<u>20</u>		
IDENTITY:	<u>substituted Triazine and o-nitroaniline</u>		
% DISSOLVED NON-VOLATILES:	<u>1-3</u>		
IDENTITY:	<u>Substituted Triazine</u>		
LAYERING:	<u>Yes</u>		
UPPER:	<u>Water</u>		
LOWER:	<u>Substituted Triazine and Filter Bags</u>		
COLOR:	<u>Yellow</u>		
ODOR:	<u>Faint Shoe Polish Odor</u>		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: None FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Water, carbon dioxide, foam.

FIRE-FIGHTING PROCEDURE: Use self-contained breathing apparatus since oxides of nitrogen may form.

HEALTH DATA

TOXICITY: LD<sub>50</sub> Moderate SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Moderate

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: Yes IF CORROSIVE pH = 1.5-2.0

HANDLING & STORAGE PRECAUTIONS: Avoid contact with skin because o-nitroaniline is absorbed through skin.

PROTECTIVE EQUIPMENT

Rubber gloves, apron, face shield.

WASTE DISPOSAL

TYPE OF DRUM: 55 gallon blue 5/8 inch bolt ring (H-17) with 30 gallon blo-lined fiber drum insert (Code #93-952-304). Both drums must be labeled.

DRUM LABELING: Gold label, DOT Corrosive label, EPA Hazardous Waste label, Secure Landfill label, Special Handling label, DOT Poison label

EPA HAZARDOUS WASTE #: D002

RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic Waste; Type 4 - Corrosive Waste

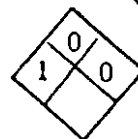
DISPOSAL METHOD: Secure landfill.

ULTIMATE FATE: If dries out, may form explosive diazo mixtures.

SPILL OR LEAK PROCEDURE: Sweep up, place under water in a drum and fill with Speedi-Dri and label as above.

ENV-WD-2, B9-10, S2

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME

CODE NUMBER

GENERIC NAME Filter Media

SHIPPING NAME Waste Organic Mixture, NOS

PREPARER Marshall Nordquist

EFFECTIVE February 16, 1982

ENVIRONMENTAL APPROVAL T. G.

SUPERSEDES None

COMPOSITION

% RANGE COMPOUND

<u>40-45</u>	<u>Water</u>
<u>35-40</u>	<u>Tars (Phenolic By-Products)</u>
<u>15-30</u>	<u>Hyflo Super Cel</u>
<u>3-4</u>	<u>Filter Papers</u>
<u>1-2</u>	<u>Methanol</u>
<u>Trace</u>	<u>Nitrobenzene</u>

HALOGEN:	( ) %
SULFUR:	0 %
NITROGEN:	%

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>1.0 - 1.2</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>6 - 7</u>
HEAT VALUE (MBTU/LB):	<u>0</u>	% ASH:	<u>20</u>
% SUSPENDED SOLIDS:	<u></u>		
IDENTITY:	<u>Diatomaceous</u> <u>Earth</u>		
% DISSOLVED NON-VOLATILES:	<u>None</u>		
IDENTITY:	<u>--</u>		
LAYERING:	<u>No</u>		
UPPER:	<u>--</u>		
LOWER:	<u>--</u>		
COLOR:	<u>Gray</u>		
ODOR:	<u>Cresote Type</u>		
VISCOSITY:	<u>N/A</u>		

CODE NUMBER

## FIRE HAZARD DATA

FLAMMABLE SOLID: --

**EXTINGUISHING MEDIA:** Water, Dry Chemical

**FIRE-FIGHTING PROCEDURE:** No special precautions required.

## HEALTH DATA

SKIN SENSITIZER: No

DEGREE OF IRRITATION: None

## EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:** Flush eyes with water for 15 minutes. Obtain medical attention.

**SKIN CONTACT:** Wash with soap and water.

**INGESTION:** Obtain immediate medical attention.

INHALATION:                     

### SPECIAL PRECAUTIONS

REACTIVE: No

**CORROSIVE:** No

IF CORROSIVE pH = --

**HANDLING & STORAGE PRECAUTIONS:** None required.

## PROTECTIVE EQUIPMENT

**Rubber Gloves, Eye Protection.**

## WASTE DISPOSAL

TYPE OF DRUM: 30 Gallon, Blo-lined Drum (Code #93-952-304) - Overpack in Blue  
5/8" Bolt-Ring H-17, 55 Gallon Drum (Code #93-958-559).

**DRUM LABELING:** Gold, Special Handling

EPA HAZARDOUS WASTE #: --

RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic Waste

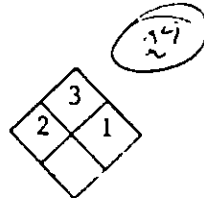
DISPOSAL METHOD: Incineration

ULTIMATE FATE:

**SPILL OR LEAK PROCEDURE:** Sweep up and return to same container.



CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

GENERIC NAME Non-Halogenated Solvent

SHIPPING NAME Waste Solvent NOS (Methanol Solution)

PREPARER Ian Campbell

EFFECTIVE January 26, 1981

ENVIRONMENTAL APPROVAL E Beach

SUPERSEDES None

COMPOSITION

% RANGE    COMPOUND

<u>43-47</u>	<u>Methanol</u>
<u>27-29</u>	<u>Water</u>
<u>16-18</u>	<u>Ethylene Glycol</u>
<u>6-8</u>	<u>Alkyl substituted phenol</u>
<u>2-4</u>	<u>Special Naphtholite</u>

HALOGEN: \_\_\_\_\_ 0%

SULFUR: \_\_\_\_\_ 0 %

NITROGEN: \_\_\_\_\_ 0 %

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE: \_\_\_\_\_ Liquid \_\_\_\_\_

(BULK) DENSITY: \_\_\_\_\_ 1.0-1.2 \_\_\_\_\_

WATER SOLUBILITY: \_\_\_\_\_ Partial \_\_\_\_\_

pH: \_\_\_\_\_ 3-7 \_\_\_\_\_

HEAT VALUE (MBTU/LB): \_\_\_\_\_ <5 \_\_\_\_\_

% ASH: \_\_\_\_\_ <1 \_\_\_\_\_

% SUSPENDED SOLIDS: \_\_\_\_\_ 0 \_\_\_\_\_

IDENTITY: \_\_\_\_\_

% DISSOLVED NON-VOLATILES: \_\_\_\_\_ 7 \_\_\_\_\_

IDENTITY: \_\_\_\_\_

Alkyl Substituted  
phenol

LAYERING: \_\_\_\_\_ Yes (possible) \_\_\_\_\_

UPPER: \_\_\_\_\_ Special  
Naphtholite \_\_\_\_\_

LOWER: \_\_\_\_\_ Methanol/Water/  
Ethylene Glycol \_\_\_\_\_

COLOR: \_\_\_\_\_ Yellow \_\_\_\_\_

ODOR: \_\_\_\_\_ Alcohol \_\_\_\_\_

VISCOSITY: \_\_\_\_\_ Low \_\_\_\_\_

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: 25°C (Special Naphtholite) FLAMMABLE SOLID: N.A.

EXTINGUISHING MEDIA: Water, carbon dioxide

FIRE-FIGHTING PROCEDURE: No special procedures

HEALTH DATA

TOXICITY: LD<sub>50</sub> 4300 mg/kg SKIN SENSITIZER: No  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Moderate

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No

IF CORROSIVE pH =         

HANDLING & STORAGE PRECAUTIONS: Avoid contact with peroxides.

PROTECTIVE EQUIPMENT

Rubber gloves, eye protection and face shield

WASTE DISPOSAL

TYPE OF DRUM: DOT, 55 gallon, unlined, tight top bung (Code #93-957-559)

DRUM LABELING: Gold, DOT Flammable, Special Handling

EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: 1C - slightly toxic waste; 7B - moderately irritating waste; 3A - highly flammable waste

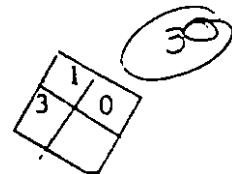
DISPOSAL METHOD: Incineration (T-1 used due to error)

ULTIMATE FATE:         

SPILL OR LEAK PROCEDURE: Flush with water to sewer.

ENV-WD-2B, A23-24

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME

CODE NUMBER

GENERIC NAME Filter Media

SHIPPING NAME Hazardous Waste Solid, NOS

PREPARER Marshall Nordquist

EFFECTIVE February 16, 1982

ENVIRONMENTAL APPROVAL *T. L. [Signature]*

SUPERSEDES None

COMPOSITION

% RANGE COMPOUND

64-66	Carbon
24-27	Water
3-4	Nitrobenzenes
2-3	Papers
1-2	Phenolic By-Products
1	Acetone

HALOGEN:	(Cl Trace)	0%
SULFUR:	0	%
NITROGEN:	Trace	%

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>1.0 - 1.2</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>6 - 7</u>
HEAT VALUE (MBTU/LB):	<u>0</u>	% ASH:	<u>70</u>
% SUSPENDED SOLIDS:	<u>65-70</u>		
IDENTITY:	<u>Phenolic By-Products, Paper, Carbon</u>		
% DISSOLVED NON-VOLATILES:	<u>None</u>		
IDENTITY:	<u>--</u>		
LAYERING:	<u>None</u>		
UPPER:	<u>--</u>		
LOWER:	<u>--</u>		
COLOR:	<u>Black</u>		
ODOR:	<u>Odorless</u>		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

### FIRE HAZARD DATA

FLASH POINT °F: >200°F FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Water, Dry Chemical, Foam

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Oxides of nitrogen will form, nitrobenzene vapors may be released.

### HEALTH DATA

TOXICITY: LD<sub>50</sub> Calc. 16,000 mg/kg (Nitrobenzene) SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Unknown DEGREE OF IRRITATION: Unknown

### EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: ---

### SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No

IF CORROSIVE pH = --

HANDLING & STORAGE PRECAUTIONS: Keep container closed, avoid breathing vapors, keep area well ventilated.

### PROTECTIVE EQUIPMENT

Rubber Gloves, Eye Protection.

### WASTE DISPOSAL

TYPE OF DRUM: 30 Gallon, Blo-lined Drum (Code #93-952-304) - Overpack in Blue 5/8" Bolt-Ring H-17, 55 Gallon Drum (Code #93-958-559).

DRUM LABELING: Gold, Special Handling

EPA HAZARDOUS WASTE #: --

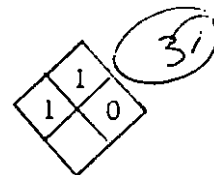
RHODE ISLAND CLASSIFICATION: Type 9 - Hazardous NOS (On extremely hazardous waste list due to nitrobenzene.)

DISPOSAL METHOD: Incinerate

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Sweep up, repack and label as above.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Filter Media  
SHIPPING NAME Waste Charcoal, Activated  
PREPARER Marshall Nordquist EFFECTIVE June 25, 1982  
ENVIRONMENTAL APPROVAL *J. C. Gray* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>60-78</u>	<u>Carbon</u>	HALOGEN:	<u>( 0 ) 0%</u>
<u>0-3</u>	<u>Xylene</u>	SULFUR:	<u>0 %</u>
<u>0-20</u>	<u>Methanol</u>	NITROGEN:	<u>Trace %</u>
<u>0.03-0.05</u>	<u>Nitrobenzene</u>		
<u>20</u>	<u>Steel</u>		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>0.4</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>6-8</u>
HEAT VALUE (MBTU/LB):	<u>--</u>	% ASH:	<u>20-25</u>
% SUSPENDED SOLIDS:	<u>--</u>		
IDENTITY:	<u>--</u>		
% DISSOLVED NON-VOLATILES:	<u>--</u>		
IDENTITY:	<u>--</u>		
LAYERING:	<u>--</u>		
UPPER:	<u>--</u>		
LOWER:	<u>--</u>		
COLOR:	<u>Black</u>		
ODOR:	<u>Alcohol</u>		
VISCOSITY:	<u>NA</u>		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: 52°F (Methanol)

FLAMMABLE SOLID: Yes

EXTINGUISHING MEDIA: Water, Dry Chemical, Carbon Dioxide, Alcohol Foam

FIRE-FIGHTING PROCEDURE: None

HEALTH DATA

TOXICITY: LD<sub>50</sub> >5,000 mg/kg

SKIN SENSITIZER: No

SKIN IRRITANT: No

DEGREE OF IRRITATION: --

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: Remove to fresh air.

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = --

HANDLING & STORAGE PRECAUTIONS: Keep away from heat, sparks and flames.

PROTECTIVE EQUIPMENT

WASTE DISPOSAL

TYPE OF DRUM: Over-pack in recovery drum.

DRUM LABELING: Gold, Flammable Solid, Secure Landfill

EPA HAZARDOUS WASTE #: D001

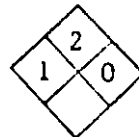
RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable

DISPOSAL METHOD: Secure landfill.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Sweep up and repack in recovery drum.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Aromatic Hydrocarbon  
SHIPPING NAME Waste Flammable Liquid NOS.  
PREPARER Marshall Nordquist EFFECTIVE May 28, 1982  
ENVIRONMENTAL APPROVAL T. Oj. SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>50-70</u>	<u>Isopropanol</u>	HALOGEN:	<u>( 0 ) 0%</u>
<u>30-50</u>	<u>Water</u>	SULFUR:	<u>0 %</u>
<u>Trace</u>	<u>Xylene</u>	NITROGEN:	<u>0 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	DENSITY:	<u>0.9</u>
WATER SOLUBILITY:	<u>Soluble</u>	pH:	<u>6-7</u>
HEAT VALUE (MBTU/LB):	<u>8</u>	% ASH:	<u>0</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	<u>--</u>		
% DISSOLVED NON-VOLATILES:	<u>None</u>		
IDENTITY:	<u>--</u>		
LAYERING:	<u>No</u>		
UPPER:	<u>--</u>		
LOWER:	<u>--</u>		
COLOR:	<u>Amber</u>		
ODOR:	<u>Rubbing Alcohol</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: 53 (Isopropanol)

FLAMMABLE SOLID: ---

EXTINGUISHING MEDIA: Water, carbon dioxide, dry chemical.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 8340 mg/kg

SKIN IRRITANT: No

SKIN SENSITIZER: No

DEGREE OF IRRITATION: --

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: Remove to fresh air.

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = --

HANDLING & STORAGE PRECAUTIONS: Store away from heat, spark and flame.

PROTECTIVE EQUIPMENT

Rubber Gloves, Eye Protection.

WASTE DISPOSAL

TYPE OF DRUM: UL DOT

DRUM LABELING: Gold, EPA Hazardous, Flammable Liquid

EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: 3B - Moderately Flammable

DISPOSAL METHOD: Incinerate.

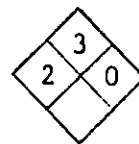
ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Flush to drain with plenty of water.

ENV-WD-2GG,S1,A21-22



CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME

CODE NUMBER

GENERIC NAME Aromatic Hydrocarbon

SHIPPING NAME Waste Flammable Liquid NOS.

PREPARER Marshall Nordquist

EFFECTIVE May 28, 1982

ENVIRONMENTAL APPROVAL T. G.

SUPERSEDES None

COMPOSITION

% RANGE COMPOUND

99+ Xylene

HALOGEN: ( 0 ) 0%

Trace Nitrobenzene

SULFUR: 0 %

NITROGEN: 0 %

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid

(BULK) DENSITY: 0.9

WATER SOLUBILITY: Insoluble

pH: 1

HEAT VALUE (MBTU/LB): 16

% ASH: 0

% SUSPENDED SOLIDS: None

IDENTITY: --

% DISSOLVED NON-VOLATILES: None

IDENTITY: --

LAYERING: No

UPPER: --

LOWER: --

COLOR: Colorless

ODOR: Paint Thinner

VISCOSITY: Low

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: 80 - 88 FLAMMABLE SOLID: ---

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 4300 mg/kg SKIN SENSITIZER: No  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash thoroughly with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: Remove to fresh air.

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = --

HANDLING & STORAGE PRECAUTIONS: Store away from heat, spark and flame.

PROTECTIVE EQUIPMENT

Rubber Gloves, Eye Protection.

WASTE DISPOSAL

TYPE OF DRUM: UL DOT

DRUM LABELING: Gold, EPA Hazardous, Flammable Liquid

EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: 1C - Slightly Toxic; 3B - Moderately Flammable;  
7C - Slightly Irritating.

DISPOSAL METHOD: Incineration.

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Absorb on sawdust and place in 30 gallon fiber container  
and overpack in H-17. Label both drums as above except that Flammable Label is  
Flammable Solid; also use Special Handling Labels.

ENV-WD-2GG,S1,A25-26

34  
2 3 0

WASTE DATA SHEET

PRODUCT NAME

CODE NUMBER

GENERIC NAME Aromatic Hydrocarbon

SHIPPING NAME Waste Flammable Liquid, NOS

PREPARER Marshall Nordquist

EFFECTIVE June 11, 1982

ENVIRONMENTAL APPROVAL T. Cif

SUPERSEDES None

COMPOSITION

% RANGE COMPOUND

90-95 Xylene

HALOGEN: ( 0 ) 0%

Trace Substituted benzotriazoles

SULFUR: 0 %

5-10 Organic Impurities

NITROGEN: Trace %

1-2 Aniline

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:

Liquid

(BULK) DENSITY: 0.8

WATER SOLUBILITY:

Insoluble

pH: 8-9

HEAT VALUE (MBTU/LB):

16

% ASH: <1%

% SUSPENDED SOLIDS:

None

IDENTITY:

% DISSOLVED NON-VOLATILES:

None

IDENTITY:

LAYERING:

No

UPPER:

LOWER:

COLOR:

Brown

ODOR:

Xylene

VISCOSITY:

Low

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: 80-88 FLAMMABLE SOLID: --

EXTINGUISHING MEDIA: Foam, Carbon Dioxide, Dry Chemical

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 4300 mg/kg SKIN SENSITIZER: No  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: Remove to fresh air.

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = --

HANDLING & STORAGE PRECAUTIONS: Store away from heat, sparks and flame.

PROTECTIVE EQUIPMENT

Rubber Gloves, Eye Protection

WASTE DISPOSAL

TYPE OF DRUM: UL DOT or to T-1

DRUM LABELING: Gold, EPA Hazardous, Flammable Liquid

EPA HAZARDOUS WASTE #: D001

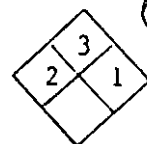
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic; Type 3B - Moderately Flammable; Type 7C - Slightly Irritating

DISPOSAL METHOD: Incineration

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Absorb on sawdust, place in fiber drum and overpack in an H-17 drum. Label both drums as above - Flammable Solid.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Non-Halogenated Solvent  
SHIPPING NAME Waste Solvent NOS (Xylene Solution)  
PREPARER Ian Campbell EFFECTIVE January 26, 1981  
ENVIRONMENTAL APPROVAL E Beach SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
50-70	Xylene	HALOGEN:	0%
10-20	Alkyl or Amino Substituted Phenols	SULFUR:	0 %
0-2	O-Phenylene Diamine	NITROGEN:	2-5 %
10-20	Substituted Benzotriazoles		
0-5	Isopropanol		
5-10	Substituted Azobenzenes		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>1.0-1.2</u>
WATER SOLUBILITY:	<u>Insoluble</u>	pH:	<u>10-12</u>
HEAT VALUE (MBTU/LB):	<u>9-12</u>	% ASH:	<u>&lt;5</u>
% SUSPENDED SOLIDS:	<u>0</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>35-50</u>		
IDENTITY:	<u>Misc. Organics</u> <u>(same as above)</u>		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Black</u>		
ODOR:	<u>Aromatic</u>		
VISCOSITY:	<u>Medium</u>		

CODE NUMBER

100-5202

## FIRE HAZARD DATA

FLAMMABLE SOLID: No

**EXTINGUISHING MEDIA:** Carbon dioxide, dry chemical

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Water may be ineffective. Will cause fire to spread. However, a fine water fog used in conjunction with foam will cool the vapors so as to reduce the possibility of "flash back."

## HEALTH DATA

SKIN SENSITIZER:	<u>No</u>
DEGREE OF IRRITATION:	Slight

SKIN IRRITANT: Yes

## EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:** Flush eyes with water for 15 minutes. Obtain medical attention.

**SKIN CONTACT:** Wash thoroughly with soap and water.

INGESTION:	Obtain immediate medical attention.
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### SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH =

**HANDLING & STORAGE PRECAUTIONS:**

## PROTECTIVE EQUIPMENT

Rubber gloves, face shield

## WASTE DISPOSAL

TYPE OF DRUM: DOT, 55 gallon, unlined, tight top (Code #93-957-559) or bulk storage (T-1)

DRUM LABELING: Gold, Flammable Liquid, EPA Hazardous Waste

EPA HAZARDOUS WASTE #: F003

RHODE ISLAND CLASSIFICATION: 1C - slightly toxic waste; 7C - slightly irritating waste; 3B - moderately flammable waste

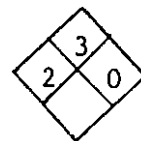
DISPOSAL METHOD: Incineration with scrubber

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Cover with sawdust, place in fiber drum, overpack in H-17,  
label both drums as above and send for incineration.

ENV-WD-2B, A21-22

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Alcohol/Aromatic Hydrocarbon  
SHIPPING NAME Waste Flammable Liquid, NOS  
PREPARER M. Nordquist EFFECTIVE June 3, 1982  
ENVIRONMENTAL APPROVAL T. Coy SUPERSEDES None

COMPOSITION

% RANGE COMPOUND

55 - 65 Xylene

HALOGEN: ( 0 ) 0%

35 - 45 Isopropanol

SULFUR: 0 %

NITROGEN: 0 %

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid (BULK) DENSITY: 0.8  
WATER SOLUBILITY: Partial (IPA) pH: 2 - 3  
HEAT VALUE (MBTU/LB): 16 % ASH: 0  
% SUSPENDED SOLIDS: None  
IDENTITY: --  
% DISSOLVED NON-VOLATILES: None  
IDENTITY: --  
LAYERING: No  
UPPER: --  
LOWER: --  
COLOR: Amber  
ODOR: Paint Thinner  
VISCOSITY: Low

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: 53°F

FLAMMABLE SOLID: --

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 4800 mg/kg

SKIN IRRITANT: Yes

SKIN SENSITIZER: No

DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: Remove to fresh air.

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: Yes

IF CORROSIVE pH = 2 - 3

HANDLING & STORAGE PRECAUTIONS: Store away from heat and flame.

PROTECTIVE EQUIPMENT

N/A

WASTE DISPOSAL

TYPE OF DRUM: UL DOT; To T-1

DRUM LABELING: Gold, EPA Hazardous, Flammable Liquid, Corrosive

EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: Type 1C - Slightly toxic; Type 3A - Highly Flammable;  
Type 7C - Slightly irritating

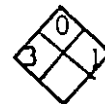
DISPOSAL METHOD: Incinerate.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Absorb on sawdust. Place in fiber drum and overpack in-  
an H-17. Label both drums as above.

ENV-WD-2GG, A29-30





WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Filter Media  
SHIPPING NAME Poisonous Solid Corrosive NOS  
PREPARER Todd Brennan EFFECTIVE November 19, 1980  
ENVIRONMENTAL APPROVAL E. Beach SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>70-80</u>	<u>Water</u>	HALOGEN:	<u>(Chlorine) 0.1%</u>
<u>15-25</u>	<u>SUBSTITUTED TRIAZINES</u>	SULFUR:	<u>0 %</u>
<u>1-5</u>	<u>Ortho-nitroaniline</u>	NITROGEN:	<u>7 %</u>
<u>0.05-0.15</u>	<u>HCl</u>		
<u>0.5-1</u>	<u>Ortho-nitrobenzene SALT</u>		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Mixed Waste</u>	(BULK) DENSITY:	<u>1.0-1.2</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>1.5-2</u>
HEAT VALUE (MBTU/LB):	<u>0</u>	% ASH:	<u>1-2</u>
% SUSPENDED SOLIDS:	<u>20</u>		
IDENTITY:	<u>SUBSTITUTED</u> <u>Tri-</u> <u>zine, Ortho-nitro-</u> <u>aniline</u>		
% DISSOLVED NON-VOLATILES:	<u>1-3</u>		
IDENTITY:	<u>SUBSTITUTED</u> <u>Tri-</u> <u>zine</u>		
LAYERING:	<u>Yes</u>		
UPPER:	<u>Water</u>		
LOWER:	<u>SUBSTITUTED</u> <u>Tri-</u> <u>zine, Ortho-nitro-</u> <u>aniline</u>		
COLOR:	<u>Yellow</u>		
ODOR:	<u>Faint Shoe</u> <u>Polish Odor</u>		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: None FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Water, carbon dioxide or foam.

FIRE-FIGHTING PROCEDURE: Use self-contained breathing apparatus since oxides of nitrogen may form.

HEALTH DATA

TOXICITY: LD<sub>50</sub> Moderate SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Moderate

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION:

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: Yes

IF CORROSIVE pH = 1.5-2.0

HANDLING & STORAGE PRECAUTIONS: Avoid contact with skin because o-nitroaniline is absorbed through skin.

PROTECTIVE EQUIPMENT

Rubber gloves, face shield, eye protection.

WASTE DISPOSAL

TYPE OF DRUM: 55 gallon blue 5/8 inch bolt ring drum (H-17) with 30 gallon blo-lined fiber drum (Code #93-952-304). Both drums must be labeled.

DRUM LABELING: Gold label, DOT Corrosive label, EPA Hazardous Waste label, Secure Landfill label, Special Handling label, Poison label

EPA HAZARDOUS WASTE #: D002

RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic Waste; Type 4 - Corrosive Waste; Type 7C - Slightly Irritating Waste

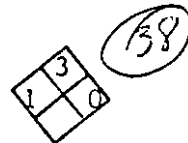
DISPOSAL METHOD: Secure landfill.

ULTIMATE FATE: Dries out, may form explosive diazo mixtures.

SPILL OR LEAK PROCEDURE: Sweep up, place under water in a drum, fill with Speedi-Dri and label as above.

ENV-WD-2, B11-12, S2

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Non-Halogenated Solvent and Water  
SHIPPING NAME Waste Solvent NOS (IPA Solution)  
PREPARER Robert Kofsky EFFECTIVE November 19, 1980  
ENVIRONMENTAL APPROVAL E Bevel SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>70-80</u>	<u>Isopropanol</u>	HALOGEN:	<u>(Chlorine) 0%</u>
<u>15-19</u>	<u>Toluene</u>	SULFUR:	<u>0 %</u>
<u>3-7</u>	<u>Water</u>	NITROGEN:	<u>&lt;1 %</u>
<u>2-4</u>	<u>SUBSTITUTED</u> <u>Benzotriazole</u>		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>.8-1.0</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>7-9</u>
HEAT VALUE (MBTU/LB):	<u>9-12</u>	% ASH:	<u>0.03</u>
% SUSPENDED SOLIDS:	<u>1-5</u>		
IDENTITY:	<u>SUBSTITUTED BENZOTRIAZOLE</u> <u>p-Cresol</u>		
% DISSOLVED NON-VOLATILES:	<u>.2 - .3</u>		
IDENTITY:	_____		
LAYERING:	<u>None</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Dirty Brown</u>		
ODOR:	<u>Isopropanol Odor</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: 40°F (Toluene)

FLAMMABLE SOLID: Not Applicable

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical and alcohol-type foam.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> Non-Hazardous - 5840 mg/kg (rat)  
for isopropyl alcohol

SKIN SENSITIZER: Unknown

SKIN IRRITANT: Yes

DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with plenty of water.

INGESTION:

INHALATION:

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = N/A

HANDLING & STORAGE PRECAUTIONS: Storage should be in non-combustible surroundings  
away from acids or oxidizing materials and heat, spark and flame.

PROTECTIVE EQUIPMENT

Face shield and rubber gloves.

WASTE DISPOSAL

TYPE OF DRUM: Non-chlorinated waste solvent tank or 55 gallon unlined, tight-top  
bung, reconditioned DOT steel drum (Code #93-957-559).

DRUM LABELING: Gold label, DOT "Flammable Liquid," EPA Hazardous Waste.

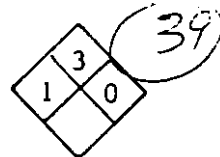
EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable, Type 7C - Slightly  
Irritating

DISPOSAL METHOD: Incineration

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Flush down drain with plenty of water.



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Non-Halogenated Solvent and Water  
SHIPPING NAME Waste Solvents NOS (IPA Solution)  
PREPARER Robert Kofsky EFFECTIVE November 19, 1980  
ENVIRONMENTAL APPROVAL E Beach SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>50-70</u>	<u>Isopropanol</u>	HALOGEN:	<u>0%</u>
<u>30-50</u>	<u>Water</u>	SULFUR:	<u>0%</u>
_____	_____	NITROGEN:	<u>0%</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>.89</u>
WATER SOLUBILITY:	<u>Infinite</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>8.2</u>	% ASH:	<u>0</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>None</u>		
IDENTITY:	_____		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Water White to</u> <u>Pale Yellow</u>		
ODOR:	<u>Rubbing Alcohol</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: 53 (Isopropyl Alcohol) FLAMMABLE SOLID: Not Applicable

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical and alcohol-type foams.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> Non-Hazardous SKIN SENSITIZER: Unknown  
SKIN IRRITANT: No DEGREE OF IRRITATION: \_\_\_\_\_

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: \_\_\_\_\_  
INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = N/A

HANDLING & STORAGE PRECAUTIONS: Storage should be in non-combustible surroundings.

Keep away from heat, spark or open flame.

PROTECTIVE EQUIPMENT

Rubber gloves and face shield.

WASTE DISPOSAL

TYPE OF DRUM: Non-chlorinated waste solvent tank or 55 gallon, unlined, tight-top, reconditioned, DOT, steel drum (Code #93-957-559).

DRUM LABELING: DOT "Flammable Liquid," Gold label, EPA Hazardous Waste

EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable

DISPOSAL METHOD: Incineration

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Flush down drain with plenty of water.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

GENERIC NAME Non-Halogenated Solvent

SHIPPING NAME Waste Solvents NOS (IPA Solution)

PREPARER Todd Brennan

EFFECTIVE November 19, 1980

ENVIRONMENTAL APPROVAL E. Bevel

SUPERSEDES None

COMPOSITION

% RANGE COMPOUND

<u>35-45</u>	<u>Isopropanol</u>	HALOGEN:	<u>0%</u>
<u>55-65</u>	<u>Toluene</u>	SULFUR:	<u>0%</u>
<u>0-2</u>	<u>Organic Impurities</u>	NITROGEN:	<u>0%</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.8</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>N/A</u>
HEAT VALUE (MBTU/LB):	<u>16.7</u>	% ASH:	<u>0</u>
% SUSPENDED SOLIDS:	<u>0</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>0-1</u>		
IDENTITY:	_____		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Amber</u>		
ODOR:	<u>Toluene/IPA</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: 40°F (Toluene)

FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Carbon dioxide or dry chemical on small fires. Foam on large large fires accompanied by water fog.

FIRE-FIGHTING PROCEDURE: Water may be ineffective; use water spray to control flame.

HEALTH DATA

TOXICITY: LD<sub>50</sub>  
SKIN IRRITANT:

Non-Hazardous  
No

SKIN SENSITIZER: Unknown  
DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: \_\_\_\_\_  
INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No

IF CORROSIVE pH = N/A

HANDLING & STORAGE PRECAUTIONS: Keep away from heat, spark and flame.

PROTECTIVE EQUIPMENT

Rubber gloves and face shield.

WASTE DISPOSAL

TYPE OF DRUM: Normally piped directly to storage tank or 55 gallon, unlined, tight-top bung, reconditioned DOT steel drum.

DRUM LABELING: DOT "Flammable Liquid," Gold label, EPA Hazardous Waste

EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable Waste, Type 7C - Slightly Irritating Waste

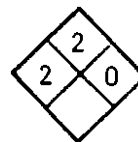
DISPOSAL METHOD: Incineration

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Clean up spills with absorbing agent (saw dust) and place in fiber drum and overpack in H-17 drum as above. Label both drums as above.



CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Aromatic Amine  
SHIPPING NAME Waste Organic Liquid, NOS  
PREPARER Donald Hill EFFECTIVE April 19, 1982  
ENVIRONMENTAL APPROVAL *T. C. H.* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>100</u>	<u>Substituted Aromatic Amine</u>	HALOGEN:	<u>( None ) 0%</u>
_____	_____	SULFUR:	<u>None %</u>
_____	_____	NITROGEN:	<u>10 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>1.0</u>
WATER SOLUBILITY:	<u>Insoluble</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>10</u>	% ASH:	<u>None</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>None</u>		
IDENTITY:	_____		
LAYERING:	<u>None</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Brown</u>		
ODOR:	<u>Fishy</u>		
VISCOSITY:	<u>100 - 10,000</u>		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: Unknown

FLAMMABLE SOLID: ---

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam, or water.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus because toxic nitrogen oxides are generated on combustion.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 448 mg/kg Oral Rat

SKIN SENSITIZER: Unknown

LDLO 35 mg/kg Oral Human

SKIN IRRITANT: Unknown

DEGREE OF IRRITATION: ---

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention. Monitor victim's breathing.

INHALATION: ---

SPECIAL PRECAUTIONS

REACTIVE: --

CORROSIVE: --

IF CORROSIVE pH = ---

HANDLING & STORAGE PRECAUTIONS: No special procedures required.

PROTECTIVE EQUIPMENT

Rubber Gloves, Safety Glasses

WASTE DISPOSAL

TYPE OF DRUM: UL, TT Steel 14 Gauge, 55 Gallon Drum; Preferably Pump into T-1

DRUM LABELING: Gold, Special Handling

EPA HAZARDOUS WASTE #: None Required

RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic

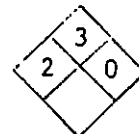
DISPOSAL METHOD: Incinerate with Scrubber at McIntosh.

ULTIMATE FATE: ---

SPILL OR LEAK PROCEDURE: Absorb on Speedi-Dri. Put into 30 gallon blo-lined; Overpack in H-17 and label both drums.

ENV-WD-2GG,A15-16

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME

CODE NUMBER

GENERIC NAME Filter Media With Solvent

SHIPPING NAME Waste Flammable Solid, NOS.

PREPARER Donald Hill

EFFECTIVE October 14, 1982

ENVIRONMENTAL APPROVAL T. Cox

SUPERSEDES November 19, 1980  
and 89-365-010-02  
Dated 11/19/80

COMPOSITION

% RANGE COMPOUND

45-60 Filter Paper

HALOGEN: \_\_\_\_\_ %

35-55 Toluene

SULFUR: 0 %

0-15 Water

NITROGEN: \_\_\_\_\_ %

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:

Mixed

(BULK) DENSITY: <1

WATER SOLUBILITY:

0 - 15

pH: 7 - 12

HEAT VALUE (MBTU/LB):

<10

% ASH: \_\_\_\_\_

% SUSPENDED SOLIDS:

N/A

IDENTITY: \_\_\_\_\_

% DISSOLVED NON-VOLATILES:

N/A

IDENTITY: \_\_\_\_\_

LAYERING:

None

UPPER: \_\_\_\_\_

LOWER: \_\_\_\_\_

COLOR:

Brown

ODOR:

Paint Thinner

VISCOSITY:

Not Applicable

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: 40 (Toluene)

FLAMMABLE SOLID: Yes

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam.

FIRE-FIGHTING PROCEDURE: Fine water spray in conjunction with foam will cool the vapors to reduce the possibility of "flash back."

HEALTH DATA

TOXICITY: LD<sub>50</sub> Oral Rat = >5000 mg/kg (Toluene)

SKIN IRRITANT: Yes

SKIN SENSITIZER: Unknown  
DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash exposed area with large amounts of soap and water.

INGESTION: Obtain medical attention.

INHALATION: Remove to fresh air. If not breathing give artificial respiration and obtain medical attention. If breathing is difficult give oxygen and obtain medical attention.

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = N/A

HANDLING & STORAGE PRECAUTIONS: Avoid breathing vapors and avoid skin contact.

Keep away from heat, sparks or flame.

PROTECTIVE EQUIPMENT

Rubber Gloves

WASTE DISPOSAL

TYPE OF DRUM: Fiber container overpacked in DOT H-17 steel drum.

DRUM LABELING: Flammable Solid, Gold label "Hazardous" written on it. EPA Hazardous, Special Handling

EPA HAZARDOUS WASTE #: F-005

RHODE ISLAND CLASSIFICATION: 3B - Moderately Flammable; 7C - Slightly Irritating

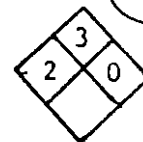
DISPOSAL METHOD: Incinerate.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Pick up and place in same type of drum as above. Label as above.

ENV-WD-2G,S-2,B17-18

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Aromatic Hydrocarbon  
SHIPPING NAME Waste Solvent, NOS  
PREPARER D. Hill EFFECTIVE July 23, 1982  
ENVIRONMENTAL APPROVAL *J. Cox* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>10 - 30</u>	<u>Substitute<sup>d</sup> aromatic amine</u>	HALOGEN:	<u>( 0 ) %</u>
<u>70 - 90</u>	<u>Toluene</u>	SULFUR:	<u>0 %</u>
_____	_____	NITROGEN:	<u>1 - 3 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.89 - 0.92</u>
WATER SOLUBILITY:	<u>Insoluble</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>&gt;10</u>	% ASH:	<u>None</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>10 - 30</u>		
IDENTITY:	<u>SUBSTITUTED</u> <u>AROMATIC AMINE</u>		
LAYERING:	<u>None</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Brown</u>		
ODOR:	<u>Fishy, Sweet</u> <u>Aromatic</u>		
VISCOSITY:	<u>&lt;100 cp</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATAFLASH POINT °F: 40 (Toluene)FLAMMABLE SOLID: ---EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam. Water may be ineffective.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus because toxic nitrogen dioxides are generated on combustion. Do not use water to fight toluene fire. Water causes fire to spread. However, a fine water fog used in conjunction with foam will cool the vapors and reduce possibility of "flash back."

HEALTH DATA

TOXICITY: LD<sub>50</sub> 448 mg/Kg Oral, Rat for Tofranil  
LD<sub>01</sub> 35 mg/Kg Oral, Human for Tofranil

SKIN SENSITIZER: ---SKIN IRRITANT: Yes (Toluene)DEGREE OF IRRITATION: SlightEMERGENCY AND FIRST AID PROCEDURESEYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.SKIN CONTACT: Wash with soap and water.INGESTION: Obtain immediate medical attention.INHALATION: If inhaled, remove to fresh air. Give artificial respiration if not breathing. If breathing is difficult, give oxygen. Obtain medical attention.SPECIAL PRECAUTIONSREACTIVE: ---CORROSIVE: ---IF CORROSIVE pH = ---

HANDLING & STORAGE PRECAUTIONS: Breathing vapors may be harmful. Flammable. Keep away from heat, sparks or flames.

PROTECTIVE EQUIPMENT

Rubber gloves, eye protection, air-supplied hood or self-contained breathing apparatus for potential overexposure.

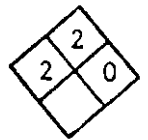
WASTE DISPOSALTYPE OF DRUM: UL TT Steel 14 Gauge 55 gallon drum. Preferably pump into T-1.DRUM LABELING: DOT Flammable Liquid, Gold, EPA Hazardous WasteEPA HAZARDOUS WASTE #: F-005RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic; Type 3B - Moderately Flammable; Type 7C - Slightly Irritating.DISPOSAL METHOD: Incinerate with scrubber at McIntosh.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Absorb on Speedi-Dri. Put in 30 gallon blow-lined, over-pack in H-17 and label both drums as above.

ENV-WD-2GG, B19-20

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

GENERIC NAME Aromatic Amine

SHIPPING NAME Waste Organic Liquid, NOS

PREPARER Donald Hill EFFECTIVE April 19, 1982

ENVIRONMENTAL APPROVAL *T. Cox* SUPERSEDES NONE

COMPOSITION

% RANGE COMPOUND

<u>100</u>	<u>Substituted Aromatic Amine</u>	HALOGEN:	<u>( None ) 0%</u>
_____	_____	SULFUR:	<u>None %</u>
_____	_____	NITROGEN:	<u>10 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid (BULK) DENSITY: 1.0

WATER SOLUBILITY: Insoluble pH: Neutral

HEAT VALUE (MBTU/LB): 10 % ASH: None

% SUSPENDED SOLIDS: None

IDENTITY: \_\_\_\_\_

% DISSOLVED NON-VOLATILES: None

IDENTITY: \_\_\_\_\_

LAYERING: None

UPPER: \_\_\_\_\_

LOWER: \_\_\_\_\_

COLOR: Yellow

ODOR: Fishy

VISCOSITY: 100 - 10,000

PRODUCT NAME \_\_\_\_\_ HEAD AND TAIL \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: Unknown FLAMMABLE SOLID: \_\_\_\_\_

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam, or water.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus because oxides of nitrogen are generated on combustion.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 448 mg/kg Oral Rat SKIN SENSITIZER: Unknown

35 mg/kg Oral Human

SKIN IRRITANT: Unknown DEGREE OF IRRITATION: \_\_\_\_\_

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention. Monitor victim's breathing.

INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: --

CORROSIVE: --

IF CORROSIVE pH = --

HANDLING & STORAGE PRECAUTIONS: No special procedures required.

PROTECTIVE EQUIPMENT

Rubber Gloves, Safety Glasses

WASTE DISPOSAL

TYPE OF DRUM: UL, TT Steel 14 Gauge, 55 Gallon Drum; Preferably Pump into T-1

DRUM LABELING: Gold, Special Handling

EPA HAZARDOUS WASTE #: None Required

RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic

DISPOSAL METHOD: Incinerate with Scrubber at McIntosh.

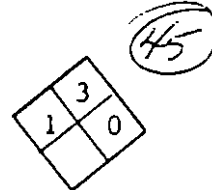
ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Absorb on Speedi-Dri. Put in 30 gallon blo-lined; over-pack in H-17 and label both drums.

ENV-WD-2GG,A17-18



CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Aliphatic Alcohol  
SHIPPING NAME Waste Flammable Solvent, NOS  
PREPARER Donald Hill EFFECTIVE March 30, 1982  
ENVIRONMENTAL APPROVAL J.B.H. SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>95-96</u>	<u>Isopropyl Alcohol</u>	HALOGEN:	<u>( 0.6 ) 0%</u>
<u>4-5</u>	<u>Aliphatic Amine Hydrochloride</u>	SULFUR:	<u>None %</u>
_____	_____	NITROGEN:	<u>0.4 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.8</u>
WATER SOLUBILITY:	<u>Infinite</u>	pH:	<u>5</u>
HEAT VALUE (MBTU/LB):	<u>13</u>	% ASH:	<u>None</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>4 - 5</u>		
IDENTITY:	<u>Amine Hydrochloride</u>		
LAYERING:	<u>None</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Yellow</u>		
ODOR:	<u>Rubbing Alcohol</u>		
VISCOSITY:	<u>Low &lt;100 cp</u> <u>(Waterlike)</u>		

PRODUCT NAME

CODE NUMBER

### FIRE HAZARD DATA

FLASH POINT °F: 53 (for IPA, Closed Cup)

FLAMMABLE SOLID: ---

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, alcohol type foams

(Type B, C extinguishers).

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Gives off oxides of nitrogen and hydrogenchloride on combustion.

### HEALTH DATA

TOXICITY: LD<sub>50</sub> 4239 mg/kg

SKIN IRRITANT: Yes

SKIN SENSITIZER: ---

DEGREE OF IRRITATION: Slight

### EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water. Obtain medical attention.

INGESTION: Induce vomiting and obtain immediate medical attention.

INHALATION: Remove to fresh air.

### SPECIAL PRECAUTIONS

REACTIVE: --

CORROSIVE: --

IF CORROSIVE pH = --

HANDLING & STORAGE PRECAUTIONS: Store away from heat and sparks. Avoid skin and eye contact.

### PROTECTIVE EQUIPMENT

Rubber Gloves, Apron

### WASTE DISPOSAL

TYPE OF DRUM: DOT 17E, Heresite Lined, Tight-Top, Steel, 55 Gallon Drum (Code #93-957-575) or T-1.

DRUM LABELING: DOT Flammable Liquid, Gold Label

EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: 1C - Slightly Toxic; 3B - Moderately Flammable; 7C - Slightly Irritating

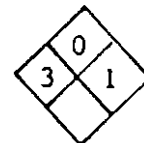
DISPOSAL METHOD: Incinerate

ULTIMATE FATE: ---

SPILL OR LEAK PROCEDURE: Absorb with sawdust and place in a 30 gallon fibre container overpacked in an H-17. Label both drums as above.

ENV-WD-2GG,A9-10

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME

CODE NUMBER

GENERIC NAME Halogenated Organic Solvent

SHIPPING NAME Waste Solvent, NOS

PREPARER Nicholas Promin

EFFECTIVE December 10, 1981

ENVIRONMENTAL APPROVAL *J. Coft*

SUPERSEDES None

COMPOSITION

% RANGE COMPOUND

100 Trichlorotrifluoroethane

HALOGEN: Flourine 33%  
(Chloride) 60%

SULFUR: -- %

NITROGEN: -- %

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:

Liquid

(BULK) DENSITY: 1.57

WATER SOLUBILITY:

0.02

pH: Neutral

HEAT VALUE (MBTU/LB):

3 to 5

% ASH: Trace

% SUSPENDED SOLIDS:

None

IDENTITY:

% DISSOLVED NON-VOLATILES:

None

IDENTITY:

LAYERING:

None

UPPER:

LOWER:

COLOR:

Colorless

ODOR:

Slight Ethereal  
Odor

VISCOSITY:

Low

PRODUCT NAME PERFLUOROPOLYETHER CODE NUMBER 93-957-559

#### FIRE HAZARD DATA

FLASH POINT °F: Non-Flammable FLAMMABLE SOLID: NA

EXTINGUISHING MEDIA: Non-Flammable

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Thermal decomposition may produce toxic fluorinated and corrosive vapors.

#### HEALTH DATA

TOXICITY: LD<sub>50</sub> >10,000 mg/kg SKIN SENSITIZER: Slight  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight

#### EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: Remove to fresh air. Get medical attention.

#### SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = --

HANDLING & STORAGE PRECAUTIONS: Store containers in a clean, dry area.

#### PROTECTIVE EQUIPMENT

Use air-supplied mask in high concentrations.

#### WASTE DISPOSAL

TYPE OF DRUM: 55 gallon unlined, tight top bung, reconditioned DOT steel drum.  
Code No. 93-957-559

DRUM LABELING: Gold, EPA Hazardous, Special Handling

EPA HAZARDOUS WASTE #: F-002

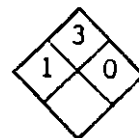
RHODE ISLAND CLASSIFICATION: Type 7C - Slightly Irritating

DISPOSAL METHOD: Incinerate at McIntosh with scrubber.

ULTIMATE FATE: --

SPILL OR LEAK PROCEDURE: Ventilate area - especially low places where heavy vapors might collect.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

GENERIC NAME Aliphatic Ketone

SHIPPING NAME Waste Solvent NOS (Acetone Solution)

PREPARER Don Hill

EFFECTIVE November 30, 1982

ENVIRONMENTAL APPROVAL *[Signature]*

SUPERSEDES June 15, 1981

COMPOSITION

% RANGE    COMPOUND

>99    Acetone

HALOGEN:    (Chlorine)0%

<1    Total Non-Hazardous Contaminants

SULFUR:    Sum Less

0    Hazardous Contaminants

NITROGEN:    Than 1%

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:

Liquid

(BULK) DENSITY:    <0.8

WATER SOLUBILITY:

Infinite

pH:    7

HEAT VALUE (MBTU/LB):

12-16

% ASH:    Trace

% SUSPENDED SOLIDS:

0

IDENTITY:

% DISSOLVED NON-VOLATILES:

<1

IDENTITY:

LAYERING:

No

UPPER:

LOWER:

COLOR:

Variable

ODOR:

Sharp Lacquer-  
Like Odor

VISCOSITY:

Low

GENERIC NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: -4 (Acetone)

FLAMMABLE SOLID: N/A

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Alcohol Type Foam

FIRE-FIGHTING PROCEDURE: Dilution of burning liquid with water (avoid splashing) will put out acetone fire.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 9750 mg/kg, Oral-Rat (NIOSH 1978)

SKIN SENSITIZER: Unknown  
DEGREE OF IRRITATION: Slight

SKIN IRRITANT: Yes

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush with water 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain medical attention.

INHALATION: Remove to fresh air.

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Keep away from heat, sparks and flame.

PROTECTIVE EQUIPMENT

Rubber gloves, eye protection; air-supplied hood or self-contained breathing apparatus for potential overexposure.

WASTE DISPOSAL

TYPE OF DRUM: Send to waste solvent tank but if drummed use unlined TT, 55 gallon reconditioned drum (Code #93-957-559).

DRUM LABELING: DOT Flammable Liquid, Gold, EPA Hazardous Waste, Special Handling

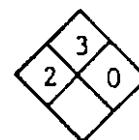
EPA HAZARDOUS WASTE #: F003

RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable Waste;  
Type 7C - Slightly Irritating Waste

DISPOSAL METHOD: Incineration

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Clean up with absorbant, put in 30 gallon, blo-lined drum (Code #93-952-302), overpack in blue, 5/8" bolt ring, H-17 drum (Code #93-958-559) and label both drums as above.



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Substituted Pyrazolidinediones  
SHIPPING NAME Waste Flammable Organic Solid NOS  
(Ethanol Solution)  
PREPARER R. Catuogno EFFECTIVE April 23, 1981  
ENVIRONMENTAL APPROVAL E. Beach SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>80%-85%</u>	<u>By-Products Of Substituted</u>	HALOGEN:	<u>( Cl<sup>-</sup> ) 0.07%</u>
	<u>Pyrazolidinediones</u>		
<u>15%-20%</u>	<u>Ethanol</u>	SULFUR:	<u>5.7 %</u>
		NITROGEN:	<u>5.5 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	_____
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>12</u>	% ASH:	_____
% SUSPENDED SOLIDS:	<u>85</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>85</u>		
IDENTITY:	<u>Substituted Py-</u>		
	<u>razolidinediones</u>		
LAYERING:	<u>None</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Brown</u>		
ODOR:	<u>Alcohol-like</u>		
VISCOSITY:	_____		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: 68° FLAMMABLE SOLID: Yes

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical

FIRE-FIGHTING PROCEDURE: Will give off toxic fumes if ignited. Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 271 mg/kg Rat (Oral) Moderately toxic SKIN SENSITIZER: Unknown

SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION:

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH =

HANDLING & STORAGE PRECAUTIONS: Flammable - Keep away from heat, sparks and flame.

PROTECTIVE EQUIPMENT

Rubber gloves and eye protection.

WASTE DISPOSAL

TYPE OF DRUM: 30 gallon blo-lined, fiber pak, (Code #93-952-304), overpacked in 55 gallon blue 5/8" bolt ring (H-17) unlined, reconditioned DOT drum (Code #93-958-559)

DRUM LABELING: Gold, EPA Hazardous Waste, DOT Flammable Solid

EPA HAZARDOUS WASTE #: D-001

RHODE ISLAND CLASSIFICATION: 1B - Moderately Toxic, 3C Moderately Flammable, 7C - Slightly Irritating

DISPOSAL METHOD: Incineration (McIntosh) with scrubber

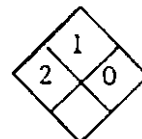
ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Sweep up spillage with absorbing agent (sawdust) and place in fiber container. Must be overpacked in a DOT H-17 drum. Label both drums as above.

ENV-WD-1, A1-2



CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Aromatic Ketone  
SHIPPING NAME Waste Organic Solid, NOS  
PREPARER Joan Materna EFFECTIVE April 19, 1982  
ENVIRONMENTAL APPROVAL *J. Materna* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>40-60%</u>	<u>Water</u>	HALOGEN:	<u>( ) 0%</u>
<u>0-5%</u>	<u>Acetic Acid</u>	SULFUR:	<u>Approx. 4 %</u>
<u>35-55%</u>	<u>SUBSTITUTED PYRAZOLIDINEDIONE</u>	NITROGEN:	<u>Approx. 3.5%</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Paste</u>	(BULK) DENSITY:	<u>Approx. 1</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>2</u>
HEAT VALUE (MBTU/LB):	<u>5-10</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>0</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>35-55%</u>		
IDENTITY:	<u>SUBSTITUTED</u>		
	<u>pyra-</u>		
	<u>zolidinedione</u>		
LAYERING:	<u>None</u>		
UPPER:	<u>---</u>		
LOWER:	<u>---</u>		
COLOR:	<u>Tan to Red-Brown</u>		
ODOR:	<u>Vinegar-type</u>		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: N/A FLAMMABLE SOLID: Yes

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, water, foam

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Decomposition gives oxides of nitrogen, sulfur and carbon.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 500-600 mg/kg (Oral Rat) (For Anturane) SKIN SENSITIZER: No

SKIN IRRITANT: Yes DEGREE OF IRRITATION: Mod. to Severe

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: Yes

IF CORROSIVE pH = 2

HANDLING & STORAGE PRECAUTIONS: Do not store with oxidizing materials. Dry material is a dust explosion hazard.

PROTECTIVE EQUIPMENT

Rubber Gloves and Apron, Safety Glasses.

WASTE DISPOSAL

TYPE OF DRUM: All weather pak drum

DRUM LABELING: Gold, Special Handling, Corrosive, EPA Hazardous

EPA HAZARDOUS WASTE #: D002

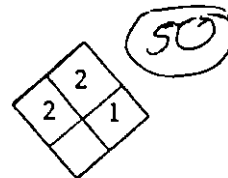
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic; Type 4 - Corrosive; Type 7B - Moderately Irritating

DISPOSAL METHOD: Incineration at McIntosh with scrubber.

ULTIMATE FATE: Incineration at McIntosh with scrubber.

SPILL OR LEAK PROCEDURE: Sweep up and put in drum as above.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Aromatic Ketone  
SHIPPING NAME Waste Organic Solid, NOS  
PREPARER Joan Materna EFFECTIVE April 19, 1982  
ENVIRONMENTAL APPROVAL *J. C.* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>100</u>	<u>SUBSTITUTED</u>	HALOGEN:	<u>( ) 0%</u>
	<u>Pyrazolidinedione</u>		
_____	_____	SULFUR:	<u>Approx. 8 %</u>
_____	_____	NITROGEN:	<u>Approx. 7 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid, Granular</u>	(BULK) DENSITY:	<u>Approx. 1</u>
WATER SOLUBILITY:	<u>Insoluble</u>	pH:	<u>5 (Solution)</u>
HEAT VALUE (MBTU/LB):	<u>&lt;10</u>	% ASH:	<u>&lt;1%</u>
% SUSPENDED SOLIDS:	<u>0</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>0</u>		
IDENTITY:	_____		
LAYERING:	<u>0</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>White to Brown</u>		
ODOR:	<u>None</u>		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: N/A FLAMMABLE SOLID: Yes

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, water, foam

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Decomposition gives oxides of nitrogen, sulfur and carbon. Material is a dust explosion hazard.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 271 mg/kg (Oral Rat) SKIN SENSITIZER: No  
3038 mg/kg (Dermal Rabbit)

SKIN IRRITANT: Yes DEGREE OF IRRITATION: Moderate

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: N/A  
CORROSIVE: N/A

IF CORROSIVE pH = N/A

HANDLING & STORAGE PRECAUTIONS: Do not store with oxidizing materials. Dry material is a dust explosion hazard.

PROTECTIVE EQUIPMENT

Dust Mask, Rubber Gloves, Safety Glasses.

WASTE DISPOSAL

TYPE OF DRUM: All weather pak drum

DRUM LABELING: Gold, Special Handling

EPA HAZARDOUS WASTE #: ---

RHODE ISLAND CLASSIFICATION: 1B (Moderately Toxic); 7B (Moderately Irritating).

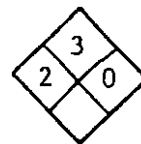
DISPOSAL METHOD: Incineration with Scrubber at McIntosh.

ULTIMATE FATE: Incineration with Scrubber.

SPILL OR LEAK PROCEDURE: Sweep up and put in drum as above.

ENV-WD-2A, B5-6

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Halogenated Organic  
SHIPPING NAME Waste Flammable Organic Mixture NOS  
(Ethanol Solution)  
PREPARER Ralph Catuogno EFFECTIVE June 12, 1981  
ENVIRONMENTAL APPROVAL *J. Cox* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>65%-70%</u>	<u>Substituted Pyrazolidinediones</u> <u>and Related By-Products</u>	HALOGEN:	<u>( C1 )0.02%</u>
<u>25%-30%</u>	<u>Ethanol</u>	SULFUR:	<u>4.23 %</u>
<u>5%-7%</u>	<u>Water</u>	NITROGEN:	<u>2.57 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>1.0 - 1.2</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>12 - 16</u>	% ASH:	<u>0</u>
% SUSPENDED SOLIDS:	<u>0</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>65% - 70%</u>		
IDENTITY:	<u>Substituted Py-</u> <u>razolidinediones</u> <u>and Related By-</u> <u>Products</u>		
LAYERING:	<u>None</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Brown</u>		
ODOR:	<u>Alcohol-like</u>		
VISCOSITY:	<u>Medium</u>		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: 68°F (Ethanol)

FLAMMABLE SOLID: \_\_\_\_\_

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical

FIRE-FIGHTING PROCEDURE: Will give off toxic fumes if ignited. Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 271 mg/kg Rat (Oral)

SKIN SENSITIZER: Unknown

SKIN IRRITANT: Yes

DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Flammable - Keep away from heat, sparks and flame.

PROTECTIVE EQUIPMENT

Rubber gloves and eye protection.

WASTE DISPOSAL

TYPE OF DRUM: Chlorinated waste solvent tank or 55 gallon, unlined, tight-top bung, reconditioned DOT steel drum (Code #93-957-559).

DRUM LABELING: Gold, EPA Hazardous Waste, DOT Flammable Liquid

EPA HAZARDOUS WASTE #: D-001

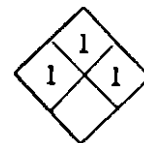
RHODE ISLAND CLASSIFICATION: 1B - Moderately Toxic, 3C Moderately Flammable, 7C - Slightly Irritating

DISPOSAL METHOD: Incineration (McIntosh) with scrubber

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Sweep up spillage with absorbing agent (sawdust) and place in fiber container. Must be overpacked in a DOT H-17 drum. Label both drums as above.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Halogenated Organic Solids  
SHIPPING NAME Waste Organic Solid, NOS  
PREPARER Elizabeth Thomas EFFECTIVE December 4, 1981  
ENVIRONMENTAL APPROVAL *J. Cox* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>	
<u>90-95</u>	<u>Substituted Hydroxybenzyl Phosphonate,</u> <u>Substituted Benzotriazoles, Copper Acetate,</u>	HALOGEN: <u>( ) %</u> SULFUR: <u> %</u>
<u>0-5</u>	<u>Organic Impurities</u>	NITROGEN: <u>5-20 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>1.2 - 1.5</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u> </u>
HEAT VALUE (MBTU/LB):	<u>5-9</u>	% ASH:	<u>&lt;5</u>
% SUSPENDED SOLIDS:	<u>N/A</u>		
IDENTITY:	<u> </u>		
% DISSOLVED NON-VOLATILES:	<u>N/A</u>		
IDENTITY:	<u> </u>		
LAYERING:	<u>N/A</u>		
UPPER:	<u> </u>		
LOWER:	<u> </u>		
COLOR:	<u>White, Yellow,</u> <u>Greenish-Blue</u> <u>Solids</u>		
ODOR:	<u>Aromatic</u>		
VISCOSITY:	<u>N/A</u>		

**PRODUCT NAME**

CODE NUMBER

## FIRE HAZARD DATA

FLASH POINT °F: N/A FLAMMABLE SOLID: No

**EXTINGUISHING MEDIA:** Carbon dioxide, dry chemical, foam

**FIRE-FIGHTING PROCEDURE:** Wear self-contained breathing apparatus. May emit toxic  
fumes upon decomposition.

## HEALTH DATA

TOXICITY: LD <sub>50</sub>	Moderate	SKIN SENSITIZER:	Slight
SKIN IRRITANT:	Yes	DEGREE OF IRRITATION:	Slight

## EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water for 15 minutes.

INGESTION: Obtain immediate medical attention.

### SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = -

**HANDLING & STORAGE PRECAUTIONS:** Store in a cool, well ventilated area.

## PROTECTIVE EQUIPMENT

Dust mask, rubber gloves

## WASTE DISPOSAL

TYPE OF DRUM: All Weather Pak

DRUM LABELING: Gold, Special Handling

EPA HAZARDOUS WASTE #:

RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic; 7C - Slightly Irritating

DISPOSAL METHOD: McIntosh incineration

ULTIMATE FATE: Incineration with scrubber

**SPILL OR LEAK PROCEDURE:** Sweep up and put in the same drum as above.



CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND

53  
3  
2 0

WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Substituted Pyrazolidinedione  
SHIPPING NAME Waste Flammable Solid, NOS  
PREPARER Elizabeth Thomas EFFECTIVE July 2, 1982  
ENVIRONMENTAL APPROVAL T. Coj SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>20 - 40</u>	<u>Methanol</u>	HALOGEN:	<u>( -- ) 0%</u>
<u>20 - 40</u>	<u>Water</u>	SULFUR:	<u>-- %</u>
<u>30 - 60</u>	<u>SUBSTITUTED Pyrazoli-</u> <u>dinedione</u>	NITROGEN:	<u>3 - 6 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>1 - 1.2</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>3 - 4</u>
HEAT VALUE (MBTU/LB):	<u>9 - 12</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>N/A</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>N/A</u>		
IDENTITY:	_____		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>White to Off-</u> <u>White Paste with</u> <u>Black Specs</u>		
ODOR:	<u>Alcoholic</u>		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME ACETONE (METHANOL) CODE NUMBER 1000

#### FIRE HAZARD DATA

FLASH POINT °F: 52 (Methanol)

FLAMMABLE SOLID: Yes

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam; water may be ineffective, but water should be used to keep fire-exposed containers cool.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Use water spray to disperse the vapors and to protect men attempting to stop a leak. Water spray may be used to flush spills away from exposures and to dilute spills to nonflammable mixtures.

#### HEALTH DATA

TOXICITY: LD<sub>50</sub> Approximately 600 mg/Kg (Oral Rat)

SKIN SENSITIZER: Unknown

SKIN IRRITANT: Yes (Methanol)

DEGREE OF IRRITATION: Moderate

#### EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Flush with water for 15 minutes.

INGESTION: Obtain immediate medical attention.

INHALATION: Remove to fresh air.

#### SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH =       

HANDLING & STORAGE PRECAUTIONS: Flammable. Breathing of vapor is harmful. Keep away from heat, spark and flame. Make sure area is well-ventilated.

#### PROTECTIVE EQUIPMENT

Rubber gloves, eye protection, air-supplied hood for potential overexposure.

#### WASTE DISPOSAL

TYPE OF DRUM: 30 gallon, blo-lined, fiber drum (Code #93-952-304) overpacked in a 55 gallon blue, 5/8 inch bolt ring (H-17) unlined DOT drum (Code #93-958-559). Sawdust must be placed between both drums. Label both drums.

DRUM LABELING: Gold, Flammable Solid, EPA Hazardous, Special Handling.

EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic Waste; Type 3B - Moderately Flammable Waste; Type 7B - Moderately Irritating Waste

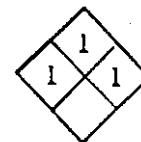
DISPOSAL METHOD: Incinerate with a scrubber.

ULTIMATE FATE:       

SPILL OR LEAK PROCEDURE: Sweep up and put in same drum as above.

ENV-WD-2AA, B5-6

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Halogenated Organic Solids  
SHIPPING NAME Organic Solid NOS  
PREPARER Christine Sliwinski EFFECTIVE March 13, 1981  
ENVIRONMENTAL APPROVAL E Brach SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
60-80	Substituted Benzotriazoles	HALOGEN:	<u>(Chlorine)4-6%</u>
10-20	Chlorinated Phenyl Ethers		
0-5	Substituted <del>AROMATIC</del> AMINES	SULFUR:	<u>0 %</u>
0-5	Aromatic Ketals		
0-5	Disubstituted Piperidinyl Esters	NITROGEN:	<u>10-15 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>0.9-1.5</u>
WATER SOLUBILITY:	<u>Insoluble</u>	pH:	<u>7-10</u>
HEAT VALUE (MBTU/LB):	<u>12-16</u>	% ASH:	<u>5-10</u>
% SUSPENDED SOLIDS:	<u>100</u>		
IDENTITY:	<u>Same as above</u>		
% DISSOLVED NON-VOLATILES:	<u>NA</u>		
IDENTITY:	_____		
LAYERING:	<u>NA</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Variable</u>		
ODOR:	<u>Musty (variable)</u>		
VISCOSITY:	<u>NA</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

### FIRE HAZARD DATA

FLASH POINT °F: NA FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Water spray may reduce intensity of blaze. Dust explosion hazard.

### HEALTH DATA

TOXICITY: LD<sub>50</sub> Approximately 7000, Non-Hazardous SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight

### EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: \_\_\_\_\_

### SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Wash thoroughly after handling. Keep Tinuvin 144 (Disubstituted Piperidinyl Esters) out of effluent. Dust may constitute an explosion hazard.

### PROTECTIVE EQUIPMENT

Air hood, paper suit, rubber gloves, local exhaust.

### WASTE DISPOSAL

TYPE OF DRUM: Fiber drum overpacked in (H-17).

DRUM LABELING: Gold, Special Handling

EPA HAZARDOUS WASTE #: \_\_\_\_\_

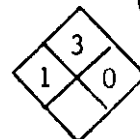
RHODE ISLAND CLASSIFICATION: 7C, Type 9 - Hazardous NOS

DISPOSAL METHOD: Incineration at McIntosh

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Sweep up and place in same drum as above.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME

CODE NUMBER

GENERIC NAME Aliphatic Alcohol

SHIPPING NAME Waste Solvent NOS

PREPARER Cynthia Salamon

EFFECTIVE November 17, 1982

ENVIRONMENTAL APPROVAL *T. Prof*

SUPERSEDES None

COMPOSITION

% RANGE COMPOUND

75-90 Methanol

HALOGEN: ( ) 0%

10-25 Water

SULFUR: %

NITROGEN: %

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid

(BULK) DENSITY: .82

WATER SOLUBILITY: Complete

pH:

HEAT VALUE (MBTU/LB): 7 - 9

% ASH:

% SUSPENDED SOLIDS: None

IDENTITY:

% DISSOLVED NON-VOLATILES: None

IDENTITY:

LAYERING: None

UPPER:

LOWER:

COLOR: Water White

ODOR: Alcohol

VISCOSITY: Low (<100 cp)

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: 52 (Methanol) FLAMMABLE SOLID: N/A

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam. Water may be used to  
dilute the mixture to a non-flammable concentration.

HEALTH DATA

TOXICITY: LD<sub>50</sub> >10,000 Mg/Kg (NIOSH 1978) SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: Remove to fresh air. Get medical attention.

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Store away from heat, spark or flames.

PROTECTIVE EQUIPMENT

Rubber Gloves, Face Shield, Safety Glasses

WASTE DISPOSAL

TYPE OF DRUM: Pump to Waste Solvent Tank T-1 or use 55 gallon unlined tight-top  
bung DOT steel drums (Code #93-957-559).

DRUM LABELING: Gold, EPA Hazardous, Flammable Liquid

EPA HAZARDOUS WASTE #: F005

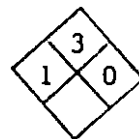
RHODE ISLAND CLASSIFICATION: Type 3B-Moderately Flammable, 7C-Slightly Irritating

DISPOSAL METHOD: Incinerate

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Absorb in absorbing agent, pack in 30 gallon blo-lined  
drum (Code #93-952-302) overpak in steel 5/8" bolt ring in H-17 drum  
(Code #93-958-559).

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Aliphatic Alcohol in Water  
SHIPPING NAME Waste Solvent, NOS  
PREPARER Cynthia Salamon EFFECTIVE November 17, 1982  
ENVIRONMENTAL APPROVAL T. C. F. SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>75-85</u>	<u>Water</u>	HALOGEN:	<u>( Cl ) 0.8%</u>
<u>10-20</u>	<u>Methanol</u>	SULFUR:	<u>1.6%</u>
<u>5-10</u>	<u>Substituted Benzene Sulfonamide</u>	NITROGEN:	<u>1 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>.98</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>6-11</u>
HEAT VALUE (MBTU/LB):	<u>Approx. 1</u>	% ASH:	<u>—</u>
% SUSPENDED SOLIDS:	<u>0</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>5-10</u>		
IDENTITY:	<u>Substituted Ben- zene Sulfonamide</u>		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Colorless</u>		
ODOR:	<u>Alcohol</u>		
VISCOSITY:	<u>Low (&lt;100 cp)</u>		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: 52 (Methanol)

FLAMMABLE SOLID: N/A

EXTINGUISHING MEDIA: Carbon Dioxide, Foam, Water, Dry Chemical

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 5700 Mg/Kg (Calculated)

SKIN SENSITIZER: Unknown

SKIN IRRITANT: No

DEGREE OF IRRITATION: No

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: Remove to fresh air.

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: Yes

IF CORROSIVE pH = 2.5

HANDLING & STORAGE PRECAUTIONS: Store away from heat, spark or flame.

PROTECTIVE EQUIPMENT

Rubber Gloves, Face Shield, Safety Glasses

WASTE DISPOSAL

TYPE OF DRUM: Pump to Waste Solvent Tank T-1 or use 55 gallon unlined tight-top bung DOT steel drums (Code #93-957-559).

DRUM LABELING: Gold, EPA Hazardous, Flammable Liquid

EPA HAZARDOUS WASTE #: F005

RHODE ISLAND CLASSIFICATION: 3B-Moderately Flammable

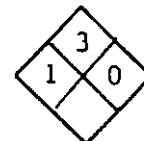
DISPOSAL METHOD: Incinerate with Scrubber

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Wash to sewer with a large amount of water.



CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Non Halogenated Solvent  
SHIPPING NAME Waste Flammable Solvent, NOS (Ethanol Solution)  
PREPARER Elizabeth Thomas EFFECTIVE June 29, 1981  
ENVIRONMENTAL APPROVAL T. Cor SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>75-85</u>	<u>Ethanol</u>	HALOGEN:	<u>( -- ) 0%</u>
<u>10-15</u>	<u>Methanol</u>	SULFUR:	<u>-- %</u>
<u>1-3</u>	<u>DIALKYL KETONE</u>	NITROGEN:	<u>&lt;1 %</u>
<u>6-7</u>	<u>Water</u>		
<u>2-5</u>	<u>SUBSTITUTED AROMATIC AMINE</u>		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.8-1.0</u>
WATER SOLUBILITY:	<u>Soluble</u>	pH:	<u>6-8</u>
HEAT VALUE (MBTU/LB):	<u>12-16</u>	% ASH:	<u>&lt;1</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>2-5</u>		
IDENTITY:	<u>Same as above</u>		
LAYERING:	<u>None</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Red to Brown</u>		
ODOR:	<u>Alcohol</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT 'F: 55 (Ethanol)  
52 (Methanol)

FLAMMABLE SOLID: NA

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, alcohol-type foam

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 13,000 mg/kg (Methanol)  
Non Hazardous

SKIN SENSITIZER:

SKIN IRRITANT: Yes

DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION:

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH =

HANDLING & STORAGE PRECAUTIONS: Store in metal containers away from heat, sparks and flame.

PROTECTIVE EQUIPMENT

Rubber gloves, eye protection, respiratory equipment

WASTE DISPOSAL

TYPE OF DRUM: 55 gallon, unlined, tight-top bung, reconditioned, DOT steel drum (Code #93-957-559)

DRUM LABELING: Gold, Flammable Liquid, EPA Hazardous

EPA HAZARDOUS WASTE #: F005 - MeOH, MIBK

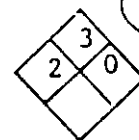
RHODE ISLAND CLASSIFICATION: 7C - Slightly Irritating Waste; 3B - Moderately Flammable Waste

DISPOSAL METHOD: McIntosh incineration

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Sweep up with sawdust and contact Technical for disposal method.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Non-Halogenated Solvents  
SHIPPING NAME Waste Solvents, NOS (IPA Solution)  
PREPARER Robert Kofsky EFFECTIVE December 30, 1980  
ENVIRONMENTAL APPROVAL E. Beach SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>30-50</u>	<u>Isopropyl Alcohol</u>	HALOGEN:	<u>( ) 0%</u>
<u>40-70</u>	<u>Water</u>	SULFUR:	<u>0%</u>
<u>0-10</u>	<u>Xylene</u>	NITROGEN:	<u>0%</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>.9 -.95</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>10-12</u>
HEAT VALUE (MBTU/LB):	<u>3-6</u>	% ASH:	<u>&lt;2%</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	_____		
IDENTITY:	_____		
LAYERING:	_____		
UPPER:	<u>Xylene</u>		
LOWER:	<u>Isopropanol</u>		
COLOR:	<u>Dark Brown</u>		
ODOR:	<u>Alcohol</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: 53

FLAMMABLE SOLID: \_\_\_\_\_

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> Slight (4900 mg/kg)

SKIN SENSITIZER: Unknown

SKIN IRRITANT: Yes

DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush with water for 15 minutes. Get medical attention.

SKIN CONTACT: Wash with water for 15 minutes.

INGESTION: Obtain immediate medical attention.

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Storage should be in non-combustible surroundings.

PROTECTIVE EQUIPMENT

Rubber gloves, face shield.

WASTE DISPOSAL

TYPE OF DRUM: Non-chlorinated waste solvent tank or 55 gallon, unlined, tight top bung, reconditioned DOT steel drum (Code #93-957-559).

DRUM LABELING: Gold label, DOT Flammable label, EPA Hazardous label

EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: Type 1C, 3B, 7C

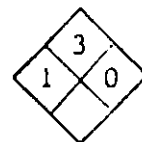
DISPOSAL METHOD: Incineration without scrubber.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Flush down drain with plenty of water.

ENV-WD-2A, B1-2, S1

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Non-Halogenated Solvent  
SHIPPING NAME Waste Solvent NOS (Acetone Solution)  
PREPARER Anil Sharma EFFECTIVE November 19, 1980  
ENVIRONMENTAL APPROVAL E. Beach SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>90-94</u>	<u>Acetone</u>	HALOGEN:	<u>0</u> %
<u>2-3</u>	<u>Acid salt of alcohol amine</u>	SULFUR:	<u>0</u> %
<u>2-2.5</u>	<u>By-product of acid salt of alcohol amine</u>	NITROGEN:	<u>&lt;0.5</u> %
<u>0.1-0.5</u>	<u>Alcohol amine</u>		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.80</u>
WATER SOLUBILITY:	<u>Complete</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>12-16</u>	% ASH:	<u>&lt;1</u>
% SUSPENDED SOLIDS:	<u>&lt;0.1</u>		
IDENTITY:	<u>Lopressor</u>		
% DISSOLVED NON-VOLATILES:	<u>0</u>		
IDENTITY:	_____		
LAYERING:	<u>None</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Yellowish</u>		
ODOR:	<u>Lacquer-Type</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: -20°F (Acetone)

FLAMMABLE SOLID: Not Applicable

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide or foam.

FIRE-FIGHTING PROCEDURE: Water spray will help reduce the intensity of the blaze.

HEALTH DATA

TOXICITY: LD<sub>50</sub>

Non-Hazardous

SKIN SENSITIZER:

No

SKIN IRRITANT:

Yes

DEGREE OF IRRITATION:

Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: If breathing stops, give artificial respiration and get medical attention.

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = N/A

HANDLING & STORAGE PRECAUTIONS: Keep away from heat, sparks and flame.

PROTECTIVE EQUIPMENT

Rubber gloves and safety glasses.

WASTE DISPOSAL

TYPE OF DRUM: 55 gallon unlined, tight-top, reconditioned, DOT steel drum.

DRUM LABELING: DOT Flammable Liquid, Gold label, EPA Hazardous Waste

EPA HAZARDOUS WASTE #: F-003

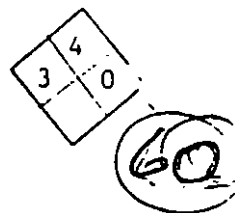
RHODE ISLAND CLASSIFICATION: Type 3A - Highly Flammable Waste

DISPOSAL METHOD: Incineration - no scrubber required.

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Flush to drain.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Amine, Alcohol Mixture  
SHIPPING NAME Waste Flammable Solvent NOS (IPA/IPNH<sub>2</sub>)  
PREPARER Anil Sharma EFFECTIVE July 21, 1981  
ENVIRONMENTAL APPROVAL T. Cox SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>40-60</u>	<u>Alkyl Amine</u>	HALOGEN:	<u>( ) 0 %</u>
<u>25-35</u>	<u>Isopropanol</u>	SULFUR:	<u>0 %</u>
<u>2-5</u>	<u>Water</u>	NITROGEN:	<u>9-14 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.75</u>
WATER SOLUBILITY:	<u>Infinite</u>	pH:	<u>8.0-11.0</u>
HEAT VALUE (MBTU/LB):	<u>15.2</u>	% ASH:	<u>0</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	<u>--</u>		
% DISSOLVED NON-VOLATILES:	<u>None</u>		
IDENTITY:	<u>--</u>		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Clear</u> <u>Water-white</u>		
ODOR:	<u>Ammonia-like</u>		
VISCOSITY:	<u>1.6 cp</u>		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: (Closed Cup) : -35°F (Isopropylamine) FLAMMABLE SOLID: --

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical or foam for large fires.

FIRE-FIGHTING PROCEDURE: For large fires, dilute with water than add foam blanket; wear self-contained breathing apparatus; oxides of nitrogen will be released upon combustion.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 1512 mg/kg (oral rat) SKIN SENSITIZER: No  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: High

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water. Obtain medical attention.  
INGESTION: Obtain immediate medical attention.  
INHALATION: Obtain immediate medical attention.

SPECIAL PRECAUTIONS

REACTIVE: Yes  
CORROSIVE: No IF CORROSIVE pH = NA

HANDLING & STORAGE PRECAUTIONS: Keep away from heat, sparks and flame. Store in a cool place. Store away from acids.

PROTECTIVE EQUIPMENT

Use self-contained breathing apparatus.

WASTE DISPOSAL

TYPE OF DRUM: UL-DOT 18x18x18

DRUM LABELING: Gold, Flammable Liquid, EPA Hazardous Waste

EPA HAZARDOUS WASTE #: D-001

RHODE ISLAND CLASSIFICATION: 1C - Slightly Toxic; 3A - Highly Flammable, 7A - Highly Irritating

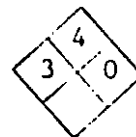
DISPOSAL METHOD: Incineration with a scrubber.

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: For small spills, flush to drain with large amounts of water. For large spills, absorb in sawdust and send for incineration.



CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Alkylamine  
SHIPPING NAME Waste Flammable Liquid NOS.  
PREPARER James Hill EFFECTIVE May 28, 1982  
ENVIRONMENTAL APPROVAL *J. Hill* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
60-70	<u>Alkylamine</u>	HALOGEN:	<u>( -- ) 0%</u>
30-40	<u>Water</u>	SULFUR:	<u>-- %</u>
		NITROGEN:	<u>15 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>Approx. 1.0</u>
WATER SOLUBILITY:	<u>Infinite</u>	pH:	<u>9 - 11</u>
HEAT VALUE (MBTU/LB):	<u>12.0</u>	% ASH:	<u>---</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	<u>--</u>		
% DISSOLVED NON-VOLATILES:	<u>None</u>		
IDENTITY:	<u>--</u>		
LAYERING:	<u>None</u>		
UPPER:	<u>--</u>		
LOWER:	<u>--</u>		
COLOR:	<u>Colorless</u>		
ODOR:	<u>Strong Fishy</u>		
VISCOSITY:	<u>0.4 cps</u>		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: <0°F FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Water spray, dry chemical, "alcohol" foam, carbon dioxide.

FIRE-FIGHTING PROCEDURE: Use water to keep fire-exposed containers cool. Water spray may be ineffective as an extinguishing agent. Water spray may be used to flush spills and to dilute to non-flammable mixtures. For large fires, dilute with water, then add foam blanket. Wear self-contained breathing apparatus as combustion liberates oxides of nitrogen and carbon.

HEALTH DATA

TOXICITY: LD<sub>50</sub> Approximately 1500 mg/kg SKIN SENSITIZER: No  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Severe

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Immediately flush with water for 15 minutes. Remove contaminated clothing.  
INGESTION: Obtain immediate medical attention.  
INHALATION: Remove to fresh air. Give artificial respiration if necessary.

SPECIAL PRECAUTIONS

REACTIVE: Yes  
CORROSIVE: No IF CORROSIVE pH = --

HANDLING & STORAGE PRECAUTIONS: Store in cool area away from acids. Galvanized iron, copper, aluminum or their alloys should not be used as containers.

PROTECTIVE EQUIPMENT

Rubber Gloves, Rubber Apron, Air Hood.

WASTE DISPOSAL

TYPE OF DRUM: Special 18 Gauge Drums required. Contact Warehouse.

DRUM LABELING: Flammable, Gold, EPA Hazardous.

EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: 1C - Slightly Toxic; 3A - Highly Flammable;  
7A - Highly Irritating

DISPOSAL METHOD: Incineration with scrubber.

ULTIMATE FATE: Incineration with scrubber at McIntosh.

SPILL OR LEAK PROCEDURE: Neutralize with sodium bisulphite until odor is gone. Sweep up with Speedi-Dri. Place in polyethylene bag in closed container. Label bag and drum as above. Remove from building. Small spills may be flushed to drain with water.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



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WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Aliphatic Ketone  
SHIPPING NAME Waste Flammable Solvent, NOS  
PREPARER Joan Materna EFFECTIVE July 29, 1982  
ENVIRONMENTAL APPROVAL \_\_\_\_\_ SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>	
<u>95-100</u>	<u>Acetone</u>	HALOGEN: <u>( -- ) 0%</u>
<u>0 - 5</u>	<u>Water</u>	SULFUR: <u>-- %</u>
_____	_____	NITROGEN: <u>-- %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.8</u>
WATER SOLUBILITY:	<u>Infinite</u>	pH:	<u>NA</u>
HEAT VALUE (MBTU/LB):	<u>12 - 16</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>None</u>		
IDENTITY:	_____		
LAYERING:	<u>None</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Clear</u>		
ODOR:	<u>Lacquer</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: -4 (Acetone) FLAMMABLE SOLID: NA

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam. Water may be ineffective.

Use water spray to reduce intensity of flames.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Decomposition liberates oxides of carbon.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 9750 mg/kg (Acetone)

SKIN IRRITANT: Yes

SKIN SENSITIZER: No  
DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: Remove to fresh air. Administer oxygen if necessary.

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = NA

HANDLING & STORAGE PRECAUTIONS: Keep away from heat, sparks and flame. If handling drums, ground and bond drums.

PROTECTIVE EQUIPMENT

Rubber gloves.

WASTE DISPOSAL

TYPE OF DRUM: 55 Gallon, (Code #93-957-559), Reconditioned, Tight-Top, UL DOT Steel Drum

DRUM LABELING: DOT Flammable Liquid, EPA Hazardous Waste, Gold

EPA HAZARDOUS WASTE #: F003

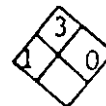
RHODE ISLAND CLASSIFICATION: Type 7C - Slightly Irritating; Type 3A - Highly Flammable

DISPOSAL METHOD: Incineration at McIntosh.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Large spills: Absorb onto sawdust, pack in 30 gallon blow-line container, overpack in H-17 steel drum and send to McIntosh for incineration. Label both drums as above. Small spills: Flush to sewer with water.

ENV-WD-2DD, A13-14



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
 GENERIC NAME Aliphatic Ketone  
 SHIPPING NAME Waste Flammable Solvent, NOS  
 PREPARER Joan Materna EFFECTIVE July 29, 1982  
 ENVIRONMENTAL APPROVAL *J. Cox* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>90 - 95</u>	<u>Acetone</u>	HALOGEN:	<u>( -- ) 0%</u>
<u>2 - 5</u>	<u>By-Product of Acid Salt of Alcohol Amine</u>	SULFUR:	<u>-- %</u>
<u>&lt;1</u>	<u>Acid Salt of Alcohol Amine</u>	NITROGEN:	<u>&lt;0.5 %</u>
<u>&lt;1</u>	<u>Water</u>		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.8</u>
WATER SOLUBILITY:	<u>Complete</u>	pH:	<u>NA</u>
HEAT VALUE (MBTU/LB):	<u>12 - 16</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>0</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>&lt;5</u>		
IDENTITY:	<u>By-Products and Acid Salts of Al- cohol Amine</u>		
LAYERING:	<u>None</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Yellow</u>		
ODOR:	<u>Lacquer</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: -4 (Acetone)

FLAMMABLE SOLID: NA

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam. Water may be ineffective.

Use water spray to reduce intensity of flames.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Decomposition liberates oxides of carbon and nitrogen.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 9750 mg/kg (Acetone)

SKIN SENSITIZER: No

SKIN IRRITANT: Yes

DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: Remove to fresh air. Administer oxygen if necessary.

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = NA

HANDLING & STORAGE PRECAUTIONS: Keep away from heat, sparks and flame. If handling drums, ground and bond drums.

PROTECTIVE EQUIPMENT

Rubber Gloves

WASTE DISPOSAL

TYPE OF DRUM: 55 Gallon Reconditioned, UL, Tight-Top, Code #93-957-559, DOT Steel Drum

DRUM LABELING: DOT Flammable Liquid, EPA Hazardous Waste, Gold

EPA HAZARDOUS WASTE #: F003

RHODE ISLAND CLASSIFICATION: Type 3A - Highly Flammable, Type 7C - Slightly Irritating

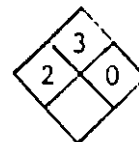
DISPOSAL METHOD: Incineration at McIntosh.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Absorb onto sawdust, pack in 30 gallon blo-line container, overpack in H-17 steel drum and send to McIntosh for incineration. Label both drums as above.

ENV-WD-2DD, A15-16

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ DATE CODE NUMBER \_\_\_\_\_  
GENERIC NAME Aromatic Hydrocarbon  
SHIPPING NAME Waste Flammable Liquid, NOS  
PREPARER Joan Materna EFFECTIVE June 17, 1982  
ENVIRONMENTAL APPROVAL T. Cox SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>95-100</u>	<u>Toluene</u>	HALOGEN:	<u>( -- ) 0%</u>
<u>0 - 5</u>	<u>Water</u>	SULFUR:	<u>-- %</u>
_____	_____	NITROGEN:	<u>None %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.90</u>
WATER SOLUBILITY:	<u>Slight</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>12 - 16</u>	% ASH:	<u>None</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>None</u>		
IDENTITY:	_____		
LAYERING:	<u>None</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Clear to Yellowish</u>		
ODOR:	<u>Paint Thinner</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: 40 (Toluene) FLAMMABLE SOLID: N/A

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical or foam. Water may be in-  
effective - cool flame with water spray.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Decomposition  
liberates oxides of carbon.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 5000 mg/kg (Toluene) SKIN SENSITIZER: No  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water for 15 minutes.  
INGESTION: Obtain immediate medical attention.  
INHALATION: Remove to fresh air. Administer oxygen if necessary.

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Store away from heat, sparks and flame. If  
handling drums, ground and bond drums.

PROTECTIVE EQUIPMENT

Rubber gloves, air-hood for potential over-exposure.

WASTE DISPOSAL

TYPE OF DRUM: 55 Gallon, UL, Tight-Top Bung, Reconditioned DOT Steel Drum (Code  
#93-957-559)

DRUM LABELING: Gold, DOT Flammable Liquid, EPA Hazardous

EPA HAZARDOUS WASTE #: F005

RHODE ISLAND CLASSIFICATION: 1C - Slightly Toxic; 3B - Moderately Flammable,  
7C - Slightly Irritating

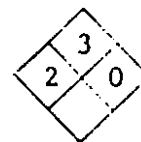
DISPOSAL METHOD: Incineration without scrubber.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Absorb onto sawdust, place in 30 gallon blo-line contain-  
er, overpack in H-17 steel drum and send to McIntosh for incineration. Label both  
drums as above.



CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Aromatic Hydrocarbon  
SHIPPING NAME Waste Flammable Liquid NOS.  
PREPARER Joan Materna EFFECTIVE May 28, 1982  
ENVIRONMENTAL APPROVAL *J. Materna* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>80-90</u>	<u>Toluene</u>	HALOGEN:	<u>( -- ) 0%</u>
<u>2 - 5</u>	<u>Acid Salt of Alcohol Amine</u>	SULFUR:	<u>-- %</u>
<u>10-15</u>	<u>By-Product of Acid Salt of Alcohol Amine</u>	NITROGEN:	<u>2 - 3 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>Approx. 0.9</u>
WATER SOLUBILITY:	<u>Slight</u>	pH:	<u>5 - 7</u>
HEAT VALUE (MBTU/LB):	<u>18</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	<u>--</u>		
% DISSOLVED NON-VOLATILES:	<u>10 - 20</u>		
IDENTITY:	<u>Acid Salt of Alcohol Amine &amp; Impurities</u>		
LAYERING:	<u>None</u>		
UPPER:	<u>--</u>		
LOWER:	<u>--</u>		
COLOR:	<u>Yellowish</u>		
ODOR:	<u>Paint Thinner</u>		
VISCOSITY:	<u>low</u>		

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: 40°F FLAMMABLE SOLID: N/A

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam. Water spray may reduce intensity of flames.

FIRE-FIGHTING PROCEDURE: Firefighters should wear self-contained breathing apparatus. High temperature decomposition liberates oxides of nitrogen and carbon.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 5000 mg/kg SKIN SENSITIZER: No  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: Remove to fresh air. Administer oxygen if necessary.

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = --

HANDLING & STORAGE PRECAUTIONS: Keep away from heat, sparks and flame.

PROTECTIVE EQUIPMENT

Rubber Gloves, Rubber Apron, Safety Glasses

WASTE DISPOSAL

TYPE OF DRUM: 55 Gallon Unlined, Tight-Top, Steel Drum (Code #93-957-559).

DRUM LABELING: DOT Flammable Liquid, Gold, EPA Hazardous.

EPA HAZARDOUS WASTE #: F005

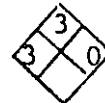
RHODE ISLAND CLASSIFICATION: 1C - Slightly Toxic; 3B - Moderately Flammable;  
7C - Slightly Irritating

DISPOSAL METHOD: Incineration at McIntosh.

ULTIMATE FATE: Incineration at McIntosh.

SPILL OR LEAK PROCEDURE: Absorb onto sawdust and send for incineration. Label container as above.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Chlorinated Waste Solvents  
SHIPPING NAME Flammable Waste Solvent, NOS  
PREPARER Elizabeth Thomas EFFECTIVE December 18, 1980  
ENVIRONMENTAL APPROVAL E Beach SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>90-100</u>	<u>Acetone, Ethanol, Isopropanol,</u>	HALOGEN:	<u>( ) 0-2%</u>
	<u>Methanol, Chlorobenzene,</u>	SULFUR:	<u>0-2 %</u>
	<u>Toluene, Xylene &amp; Soltrol</u>	NITROGEN:	<u>0-2 %</u>
<u>0-10</u>	<u>Organics</u>		
<u>Trace</u>	<u>Inorganic</u>		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.8-1.1</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>12-17</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>5</u>		
IDENTITY:	<u>Organics, Trace</u> <u>Inorganics</u>		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Clear to Slight</u> <u>Discolored</u>		
ODOR:	<u>Solvent</u>		
VISCOSITY:	<u>Low (&lt;100 cp)</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATAFLASH POINT °F: -5FLAMMABLE SOLID: N/AEXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foamFIRE-FIGHTING PROCEDURE: May give off toxic fumes if ignited. Wear self-contained breathing apparatus.HEALTH DATATOXICITY: LD<sub>50</sub>Slight

SKIN SENSITIZER:

Unknown

SKIN IRRITANT:

Yes

DEGREE OF IRRITATION:

ModerateEMERGENCY AND FIRST AID PROCEDURESEYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.SKIN CONTACT: Wash with soap and water.INGESTION: Obtain immediate medical attention.INHALATION: Remove to fresh air. Give artificial respiration if not breathing. If breathing is difficult, give oxygen and obtain medical attention.SPECIAL PRECAUTIONSREACTIVE: NoCORROSIVE: No

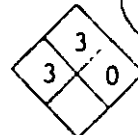
IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Flammable - keep away from sparks, heat and flames. Keep away from oxidizing materials.PROTECTIVE EQUIPMENTRubber gloves, respiratory, eye protection, air-supplied hood or self-contained breathing apparatus for potential overexposure.WASTE DISPOSALTYPE OF DRUM: 55 gallon, unlined, tight-top bung, reconditioned, DOT steel drum (Code #93-957-559).DRUM LABELING: Gold, Flammable Liquid, EPA HazardousEPA HAZARDOUS WASTE #: D001RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic, Type 3B - Moderately Flammable, Type 7B - Moderately Irritating, RI Extremely Hazardous (Chlorobenzene)DISPOSAL METHOD: Incineration with scrubber.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Clean up spills with absorbing agent (sawdust) and place in plastic bag in a fiber drum. If necessary to meet DOT regulations, the fiber drum must be overpacked in a DOT H-17 drum. Label both drums.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Chlorinated Mixed Solvents  
SHIPPING NAME Flammable Waste Solvent, NOS  
PREPARER Joseph Barry EFFECTIVE December 18, 1980  
ENVIRONMENTAL APPROVAL E. Beach SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>	
40-55	Acetone	HALOGEN: ( ) 0-5%
10-20	Isopropyl Alcohol	SULFUR: 0-2 %
5-15	Toluene	NITROGEN: 0-2 %
5-15	Methanol	
0-5	Ethanol	
5-10	Water	
0-5	Chlorobenzene	
5-10	Organics	
Trace	Inorganics	

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.8-1.1</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>12-16</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>0</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>5-10</u>		
IDENTITY:	<u>Organics, Trace</u>		
	<u>Inorganics</u>		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Variable</u>		
ODOR:	<u>Solvent</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

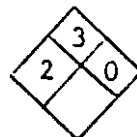
FIRE HAZARD DATAFLASH POINT °F: -5 (Acetone)FLAMMABLE SOLID: NoEXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foamFIRE-FIGHTING PROCEDURE: Use self-contained breathing apparatus.HEALTH DATATOXICITY: LD<sub>50</sub> SlightSKIN IRRITANT: YesSKIN SENSITIZER: UnknownDEGREE OF IRRITATION: ModerateEMERGENCY AND FIRST AID PROCEDURESEYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.SKIN CONTACT: Wash with soap and water.INGESTION: Obtain immediate medical attention.INHALATION: Remove to fresh air. Give artificial respiration if not breathing.  
If breathing is difficult, give oxygen and obtain medical attention.SPECIAL PRECAUTIONSREACTIVE: NoCORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Flammable, breathing vapor harmful, causes eye  
injury. Store away from heat, sparks and flame.PROTECTIVE EQUIPMENTRubber gloves, respiratory, eye protection, air-supplied hood or self-contained  
breathing apparatus for potential overexposure.WASTE DISPOSALTYPE OF DRUM: 55 gallon, unlined, tight-top bung, reconditioned, DOT steel drum  
(Code #93-957-559).DRUM LABELING: Gold, EPA Hazardous Waste, DOT Flammable LiquidEPA HAZARDOUS WASTE #: D001RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic, Type 3B - Moderately Flamma-  
ble, Type 7B - Moderately Irritating, RI Extremely  
Hazardous (Chlorobenzene)DISPOSAL METHOD: Incineration with scrubber.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Clean up spills with absorbing agent (sawdust) and place  
in plastic bag in a fiber drum. If necessary to meet DOT regulations, the fiber  
drum must be overpacked in a DOT H-17 drum. Label both drums.



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Aliphatic, Aromatic Liquid  
SHIPPING NAME Waste Solvent, NOS  
PREPARER Ian Campbell EFFECTIVE December 22, 1982  
ENVIRONMENTAL APPROVAL *J. Cox* SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>30-60</u>	<u>Special Naptholite 66/3</u>	HALOGEN:	<u>( ) 0%</u>
<u>20-40</u>	<u>Toluene</u>	SULFUR:	<u>0-2 %</u>
<u>20-40</u>	<u>Isopropanol</u>	NITROGEN:	<u>0-2 %</u>
<u>5-10</u>	<u>Water</u>		
<u>5-10</u>	<u>Organics</u>		
<u>5-10</u>	<u>Methanol</u>		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.8-1.0</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>12-16</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>0</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>5-10</u>		
IDENTITY:	<u>Organics</u>		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Black</u>		
ODOR:	<u>Kerosene-Like</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: 52 (Methanol)

FLAMMABLE SOLID: NO

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus

HEALTH DATA

TOXICITY: LD<sub>50</sub> 500-5000 mg/kg

SKIN SENSITIZER: Unknown

SKIN IRRITANT: YES

DEGREE OF IRRITATION: Moderate

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: Remove to fresh air. Give artificial respiration or oxygen as necessary. Get medical attention.

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Keep away from heat sparks and open flame.

PROTECTIVE EQUIPMENT

Rubber gloves, Face shield, Eye Protection

WASTE DISPOSAL

TYPE OF DRUM: Waste Solvent Tank T-1 or 55 gallon unlined tight-top steel drum (#93-957-559)

DRUM LABELING: Gold, EPA Hazardous Waste, Dot Flammable Liquid, Special Handling.

EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: 1C - Slightly Toxic, 3B - Moderately Flammable  
7B - Moderately Irritating

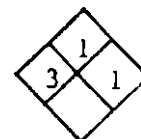
DISPOSAL METHOD: Incineration

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Clean up spills with absorbing agent and place in 30 gallon blo-lined fiber drum. Overpack in H-17 drum.



CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Non-Halogenated Organics  
SHIPPING NAME Waste Nitro Aniline  
PREPARER Ian Campbell EFFECTIVE June 12, 1981  
ENVIRONMENTAL APPROVAL T. Cox SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>98%-100</u>	<u>O-Nitro Aniline</u>	HALOGEN:	<u>( 0 ) 0%</u>
<u>0%-2%</u>	<u>Paper/Plastic</u>	SULFUR:	<u>0 %</u>
_____	_____	NITROGEN:	<u>20 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>1.4</u>
WATER SOLUBILITY:	<u>Insoluble</u>	pH:	<u>--</u>
HEAT VALUE (MBTU/LB):	<u>12</u>	% ASH:	<u>0% - 1%</u>
% SUSPENDED SOLIDS:	<u>--</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>--</u>		
IDENTITY:	_____		
LAYERING:	<u>--</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Yellow</u>		
ODOR:	<u>Pungent</u>		
VISCOSITY:	_____		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: --

FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam.

FIRE-FIGHTING PROCEDURE: Toxic oxides of nitrogen may be evolved upon burning.

Hot material has explosive properties when shocked. Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 3560 mg/kg

SKIN SENSITIZER: No

SKIN IRRITANT: Yes

DEGREE OF IRRITATION: Moderate

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water for 15 minutes.

INGESTION: Obtain immediate medical attention.

INHALATION:

SPECIAL PRECAUTIONS

REACTIVE:

CORROSIVE:

IF CORROSIVE pH =

HANDLING & STORAGE PRECAUTIONS: Keep container tightly closed - material is a dust hazard. Keep dry.

PROTECTIVE EQUIPMENT

Paper suit, air hood, rubber gloves.

WASTE DISPOSAL

TYPE OF DRUM: H-17 (Code #93-958-559).

DRUM LABELING: Gold label, Secure Landfill.

EPA HAZARDOUS WASTE #: --

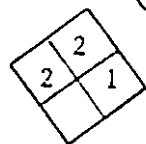
RHODE ISLAND CLASSIFICATION: 1C - Slightly Toxic Waste; 3B - Moderately Flammable Waste; 7B - Moderately Irritating Waste

DISPOSAL METHOD: Secure landfill.

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Sweep up and place in same drum.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Process Samples  
SHIPPING NAME Waste Organic Solid NOS  
PREPARER Elizabeth Thomas EFFECTIVE February 9, 1981  
ENVIRONMENTAL APPROVAL E. Beach SUPERSEDES None

COMPOSITION

% RANGE	COMPOUND	HALOGEN:	
80-90	<u>ALICYCLIC AND HETEROCYCLIC</u> <u>SUBSTITUTED ORGANICS</u>		<u>(Chlorine) 0-5%</u>
10-20	<u>(Solvents: water, acetone, meth-</u>	SULFUR:	<u>0-5 %</u>
	<u>anol, ethanol, fotocol, toluene)</u>	NITROGEN:	<u>0-5 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>1-1.5</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>6-8</u>
HEAT VALUE (MBTU/LB):	_____	% ASH:	_____
% SUSPENDED SOLIDS:	<u>80-90</u>		
IDENTITY:	<u>Same as above</u>		
% DISSOLVED NON-VOLATILES:	_____		
IDENTITY:	_____		
LAYERING:	<u>N/A</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	_____		
ODOR:	<u>Slight Solvent</u> <u>Odor</u>		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: N/A FLAMMABLE SOLID: Yes

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical

FIRE-FIGHTING PROCEDURE: May give off toxic fumes, wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> Slight 500-5000 mg/kg SKIN SENSITIZER: No  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: \_\_\_\_\_

PROTECTIVE EQUIPMENT

Rubber gloves, respiratory, eye protection.

WASTE DISPOSAL

TYPE OF DRUM: 30 gallon, blo-lined, fiber pak (Code #93-952-304) overpacked in a 55 gallon, blue 5/8" bolt ring (H-17) unlined DOT drum (Code #93-958-559). Sawdust must be placed between the fiber pak and H-17 drum to approximately 1/3-1/2 the height of the fiber pak.

DRUM LABELING: Gold Label, Special Handling, Flammable Solid, EPA Hazardous

EPA HAZARDOUS WASTE #: D001

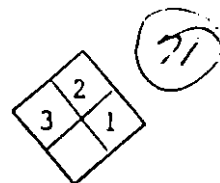
RHODE ISLAND CLASSIFICATION: 1C, 7C, 3C

DISPOSAL METHOD: McIntosh incineration.

ULTIMATE FATE: Incineration with scrubber.

SPILL OR LEAK PROCEDURE: Sweep up and put in drum as above.

CIBA-GEIGY CORPORATION  
CRANSTON; RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME

CODE NUMBER

GENERIC NAME Process Samples

SHIPPING NAME Waste Organic Solids, NOS

PREPARER Elizabeth Thomas

EFFECTIVE December 11, 1980

ENVIRONMENTAL APPROVAL

E. Beach

SUPERSEDES None

COMPOSITION

% RANGE COMPOUND

40-60 Organics

HALOGEN: ( NOS ) 0.5%

5-15 Inorganics

SULFUR: 0-5 %

25-55 Glass

NITROGEN: 0-5 %

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:

Solid

(BULK) DENSITY: 1.0-1.2

WATER SOLUBILITY:

Partial

pH: 4-11

HEAT VALUE (MBTU/LB):

N/A

% ASH: 25-60

% SUSPENDED SOLIDS:

100

IDENTITY:

% DISSOLVED NON-VOLATILES:

N/A

IDENTITY:

LAYERING:

N/A

UPPER:

LOWER:

COLOR:

Variable

ODOR:

VISCOSITY:

N/A

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: >200 FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam

FIRE-FIGHTING PROCEDURE: Toxic fumes may be generated if ignited, wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> Moderate SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Unknown DEGREE OF IRRITATION: \_\_\_\_\_

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water for 15 minutes.  
INGESTION: Obtain immediate medical attention.  
INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Put Speedi-Dri/sawdust between samples.

PROTECTIVE EQUIPMENT

Rubber gloves, eye protection

WASTE DISPOSAL

TYPE OF DRUM: 55 gallon, blue, 5/8-inch bolt ring (H-17) unlined, DOT drum (Code #93-958-559), with sawdust between samples to fill drum.

DRUM LABELING: Gold, Secure Landfill

EPA HAZARDOUS WASTE #: \_\_\_\_\_

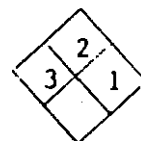
RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic

DISPOSAL METHOD: Secure landfill.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Sweep up and place in sample jar and place in same drum as above.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Process Samples  
SHIPPING NAME Waste Organic Solids, NOS  
PREPARER Joseph Barry EFFECTIVE December 18, 1980  
ENVIRONMENTAL APPROVAL E. Beach SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>40-60</u>	<u>Organics</u>	HALOGEN:	<u>( ) 0-5%</u>
<u>5-15</u>	<u>Inorganics</u>	SULFUR:	<u>0-5 %</u>
<u>25-55</u>	<u>Glass</u>	NITROGEN:	<u>0-5 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>1.0-1.2</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>4-11</u>
HEAT VALUE (MBTU/LB):	_____	% ASH:	<u>25-50</u>
% SUSPENDED SOLIDS:	<u>100</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>0</u>		
IDENTITY:	_____		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Variable</u>		
ODOR:	_____		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: \_\_\_\_\_ FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Carbon dioxide or dry chemical

FIRE-FIGHTING PROCEDURE: Toxic fumes may be generated if ignited; wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> \_\_\_\_\_ Moderate  
SKIN IRRITANT: \_\_\_\_\_ Unknown SKIN SENSITIZER: Unknown  
DEGREE OF IRRITATION: \_\_\_\_\_

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water. Obtain medical attention.  
INGESTION: Obtain immediate medical attention.  
INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: None

PROTECTIVE EQUIPMENT

Rubber gloves, eye protection

WASTE DISPOSAL

TYPE OF DRUM: 55 gallon, blue, 5/8-inch bolt ring (H-17) unlined, DOT drum (Code #93-958-559), with sawdust between samples to fill drum.

DRUM LABELING: Gold, Secure Landfill

EPA HAZARDOUS WASTE #: None

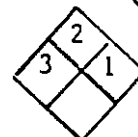
RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic

DISPOSAL METHOD: Secure landfill.

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Sweep up and place in sample jar and place in same drum as above.





WASTE DATA SHEET

PRODUCT NAME

CODE NUMBER

GENERIC NAME Process Samples

SHIPPING NAME Waste Organic Solids, NOS

PREPARER Ian Campbell

EFFECTIVE December 18, 1982

ENVIRONMENTAL APPROVAL *T.C.*

SUPERSEDES March 9, 1981

COMPOSITION

% RANGE COMPOUND

40-60 Organics - Primarily Substituted  
benzotriazoles

HALOGEN: ( ) 0-5%

5-15 Inorganics - Primarily NaCl, Na<sub>2</sub>SO<sub>4</sub>

SULFUR: 0-5 %

25-55 Glass

NITROGEN: 0-5 %

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:

Solid

(BULK) DENSITY: 1.0-1.2

WATER SOLUBILITY:

Partial

pH: 4-11

HEAT VALUE (MBTU/LB):

% ASH: 25-60

% SUSPENDED SOLIDS:

90-100

IDENTITY:

Organics,  
Inorganics

% DISSOLVED NON-VOLATILES:

0

IDENTITY:

LAYERING:

No

UPPER:

LOWER:

COLOR:

Variable

ODOR:

VISCOSITY:

N/A

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: \_\_\_\_\_ FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Carbon dioxide or dry chemical

FIRE-FIGHTING PROCEDURE: Toxic fumes may be generated if ignited; wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> \_\_\_\_\_ Moderate \_\_\_\_\_ SKIN SENSITIZER: Unknown  
SKIN IRRITANT: \_\_\_\_\_ Unknown \_\_\_\_\_ DEGREE OF IRRITATION: \_\_\_\_\_

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water. Obtain medical attention.  
INGESTION: Obtain immediate medical attention.  
INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: None

PROTECTIVE EQUIPMENT

Rubber gloves, eye protection

WASTE DISPOSAL

TYPE OF DRUM: 55 gallon, All-Weather-Pak, DOT drum (Code #93-953-567)

DRUM LABELING: Gold, Special Handling

EPA HAZARDOUS WASTE #: None

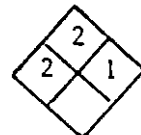
RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic

DISPOSAL METHOD: Incinerate at McIntosh

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Sweep up and place in sample jar and place in same drum as above.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Solvent wet Absorbent  
SHIPPING NAME Waste Flammable Solid, NOS  
PREPARER Ian Campbell EFFECTIVE March 9, 1981  
ENVIRONMENTAL APPROVAL E Beach SUPERSEDES NONE

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>85-95</u>	<u>Clay or Sawdust</u>	HALOGEN:	<u>( 0 ) 0</u>
<u>5-15</u>	<u>Organic Solvents*</u>	SULFUR:	<u>0 %</u>
_____	_____	NITROGEN:	<u>0 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>1.2-1.5</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>--</u>
HEAT VALUE (MBTU/LB):	<u>5</u>	% ASH:	<u>85-95</u> <u>or 0-3</u>
% SUSPENDED SOLIDS:	<u>85-95</u>		
IDENTITY:	<u>Clay or ,</u> <u>Sawdust</u>		
% DISSOLVED NON-VOLATILES:	_____		
IDENTITY:	_____		
LAYERING:	_____		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Gray-brown</u>		
ODOR:	<u>Solvent</u>		
VISCOSITY:	<u>--</u>		

The following approved solvents only:

\* Toluene, Heptane, MEK, Xylene, Acetone, Special Naphtholite, Methanol, IPA

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: N/A FLAMMABLE SOLID: Yes

EXTINGUISHING MEDIA: Carbon dioxide or dry chemical

FIRE-FIGHTING PROCEDURE: \_\_\_\_\_

HEALTH DATA

TOXICITY: LD<sub>50</sub> Slight SKIN SENSITIZER: No  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Moderate

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Flammable, keep away from heat, sparks and flames.

PROTECTIVE EQUIPMENT

Rubber gloves, eye protection

WASTE DISPOSAL

TYPE OF DRUM: R-30 BLB-PR4 Blow-lined fiber drum (Code #93-952-302) 5/8 inch bolt ring (H-17) unlined, DOT drum (Code #93-958-559). Over packed in 55 gallon.

DRUM LABELING: DOT Flammable Solid, Gold, Special Handling

EPA HAZARDOUS WASTE #: D001

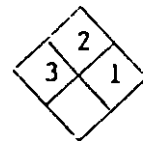
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic, Type 3C - Slightly Flammable

DISPOSAL METHOD: Incineration at McIntosh

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Sweep up and place in same drum.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Process Samples  
SHIPPING NAME Flammable Solids, NOS  
PREPARER Joseph Barry EFFECTIVE December 18, 1980  
ENVIRONMENTAL APPROVAL E. Beach SUPERSEDES None

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>40-60</u>	<u>Organics</u>	HALOGEN:	<u>( ) 0-5%</u>
<u>5-15</u>	<u>Inorganics</u>	SULFUR:	<u>0-5 %</u>
<u>25-55</u>	<u>Glass</u>	NITROGEN:	<u>0-5 %</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>1.0-1.2</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	_____	% ASH:	<u>25-60</u>
% SUSPENDED SOLIDS:	<u>90-100</u>		
IDENTITY:	<u>Organics,</u> <u>Inorganics</u>		
% DISSOLVED NON-VOLATILES:	<u>0</u>		
IDENTITY:	_____		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Variable</u>		
ODOR:	_____		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: N/A FLAMMABLE SOLID: Yes

EXTINGUISHING MEDIA: Carbon dioxide or dry chemical

FIRE-FIGHTING PROCEDURE: May give off toxic fumes if ignited, wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> Moderate SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Unknown DEGREE OF IRRITATION:

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water. Obtain medical attention.  
INGESTION: Obtain immediate medical attention.  
INHALATION:

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH =

HANDLING & STORAGE PRECAUTIONS: Flammable, keep away from heat, sparks and flames.

PROTECTIVE EQUIPMENT

Rubber gloves, eye protection

WASTE DISPOSAL

TYPE OF DRUM: 55 gallon, blue, 5/8-inch bolt ring (H-17) unlined, DOT drum (Code #93-958-559).

DRUM LABELING: DOT Flammable Solid, Gold, Secure Landfill

EPA HAZARDOUS WASTE #: None

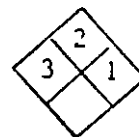
RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic, Type 3C - Slightly Flammable

DISPOSAL METHOD: Secure landfill.

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Sweep up and place in sample jar and place in same drum as above.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_

GENERIC NAME Process Samples

SHIPPING NAME Flammable Solids, NOS

PREPARER Ian Campbell

EFFECTIVE December 18, 1982

ENVIRONMENTAL APPROVAL T.C.

SUPERSEDES March 9, 1981

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>40-50</u>	<u>Organic Solids - Primarily N-Substituted benzotriazoles</u>	HALOGEN:	<u>( ) 0-5%</u>
<u>5-15</u>	<u>Inorganics</u>	SULFUR:	<u>0-5 %</u>
<u>25-55</u>	<u>Glass</u>	NITROGEN:	<u>0-5 %</u>
<u>0-10</u>	<u>Water</u>		
<u>0-5</u>	<u>Organic Solvents (Non-Halogenated)</u>		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Solid</u>	(BULK) DENSITY:	<u>1.0-1.2</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	_____	% ASH:	<u>25-60</u>
% SUSPENDED SOLIDS:	<u>90-100</u>		
IDENTITY:	<u>Organics,</u> <u>Inorganics</u>		
% DISSOLVED NON-VOLATILES:	<u>0</u>		
IDENTITY:	_____		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Variable</u>		
ODOR:	_____		
VISCOSITY:	<u>N/A</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: N/A FLAMMABLE SOLID: Yes

EXTINGUISHING MEDIA: Carbon dioxide or dry chemical

FIRE-FIGHTING PROCEDURE: May give off toxic fumes if ignited, wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> Moderate SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Unknown DEGREE OF IRRITATION: \_\_\_\_\_

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water. Obtain medical attention.  
INGESTION: Obtain immediate medical attention.  
INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Flammable, keep away from heat, sparks and flames

PROTECTIVE EQUIPMENT

Rubber gloves, eye protection

WASTE DISPOSAL

TYPE OF DRUM: 55 gallon, All-Weather-Pak, DOT drum  
(Code #93-953-567).

DRUM LABELING: DOT Flammable Solid, Gold, Special Handling

EPA HAZARDOUS WASTE #: None

RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic, Type 3C - Slightly  
Flammable

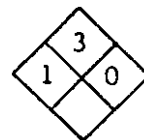
DISPOSAL METHOD: Incinerate at McIntosh

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Sweep up and place in sample jar and place in same drum  
as above.



CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Non-Halogenated Solvent  
SHIPPING NAME Waste Solvent NOS (IPA solution)  
PREPARER Robert Kofsky EFFECTIVE June 29, 1981  
ENVIRONMENTAL APPROVAL *T. Corp* SUPERSEDES January 23, 1981

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>	
<u>30-75</u>	<u>Water</u>	HALOGEN: <u>(Chlorine)0.0%</u>
<u>25-55</u>	<u>Isopropyl Alcohol</u>	SULFUR: <u>0.0 %</u>
<u>0-18</u>	<u>Xylene</u>	NITROGEN: <u>0.9 %</u>
<u>0.5-1.5</u>	<u>Ammonia</u>	

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.9-1.0</u>
WATER SOLUBILITY:	<u>Partially</u>	pH:	<u>10-11</u>
HEAT VALUE (MBTU/LB):	<u>3-9</u>	% ASH:	<u>&lt;.3</u>
% SUSPENDED SOLIDS:	<u>0.0</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>&lt;.3</u>		
IDENTITY:	_____		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Clear Brown</u>		
ODOR:	<u>Ammonia, Rubbing Alcohol</u>		
VISCOSITY:	<u>Low</u>		

PRODUCT NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: 53 Isopropyl  
Alcohol

FLAMMABLE SOLID: N/A

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical and alcohol type foams.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> Non-Hazardous SKIN SENSITIZER: Unknown  
SKIN IRRITANT: No DEGREE OF IRRITATION: \_\_\_\_\_

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Flush with plenty of water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: \_\_\_\_\_

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Storage should be in non-combustible surroundings  
away from acids or oxidizing materials and heat, spark and open flame.

PROTECTIVE EQUIPMENT

Rubber gloves, face shield.

WASTE DISPOSAL

TYPE OF DRUM: Non-chlorinated waste solvent tank or 55 gallon unlined tight top  
bung reconditioned DOT steel drum Code #93-957-559.

DRUM LABELING: DOT Flammable Liquid, Gold label

EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable Waste

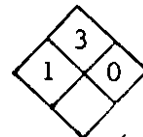
DISPOSAL METHOD: Incineration

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Flush down drain with plenty of water.

ENV-WD-2, B5-6, S2

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Acetone Boilouts  
SHIPPING NAME Waste Solvent NOS (Acetone Solution)  
PREPARER Joseph Barry EFFECTIVE June 15, 1981  
ENVIRONMENTAL APPROVAL *J. Barry* SUPERSEDES April 8, 1981

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>&gt;99</u>	<u>Acetone</u>	HALOGEN:	<u>(Chlorine)</u>
<u>&lt;1</u>	<u>Total Non-Hazardous Contaminants</u>	SULFUR:	<u>Sum Less</u>
<u>0</u>	<u>Hazardous Contaminants</u>	NITROGEN:	<u>Than 1%</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>&lt;0.8</u>
WATER SOLUBILITY:	<u>Infinite</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>12-16</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>0</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>&lt;1</u>		
IDENTITY:	_____		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Variable</u>		
ODOR:	<u>Sharp Lacquer- Like Odor</u>		
VISCOSITY:	<u>Low</u>		

GENERIC NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: (-5)

FLAMMABLE SOLID: \_\_\_\_\_

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Alcohol Type Foam

FIRE-FIGHTING PROCEDURE: Use self-contained breathing apparatus. Dilution of burning liquid with water (avoid splashing) will put out acetone fire.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 9750 mg/kg (non-toxic)

SKIN SENSITIZER: Unknown

SKIN IRRITANT: Yes

DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush with water 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain medical attention.

INHALATION: Remove to fresh air.

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Keep away from heat, sparks and flame.

PROTECTIVE EQUIPMENT

Respiratory, Rubber Gloves, Eye Protection, Air-Supplied Hood or Self-Contained Breathing Apparatus for Potential Overexposure.

WASTE DISPOSAL

TYPE OF DRUM: A) Special drums are required. Contact Warehousing.

B) None - Direct pipeline transfer.

DRUM LABELING: DOT Flammable Liquid, Gold, EPA Hazardous Waste

EPA HAZARDOUS WASTE #: F-003

RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable Waste;

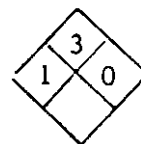
Type 7C - Slightly Irritating Waste

DISPOSAL METHOD: Incineration

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Flush to drain with large amount of water.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Isopropyl Alcohol Boilouts  
SHIPPING NAME Waste Solvent Nos (Isopropyl Alcohol Solution)  
PREPARER Joseph Barry EFFECTIVE April 8, 1981  
ENVIRONMENTAL APPROVAL E. Beach SUPERSEDES November 19, 1980

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>&gt;99</u>	<u>Isopropyl Alcohol</u>	HALOGEN:	<u>(Chlorine)</u>
<u>&lt;1</u>	<u>Total Non-Hazardous Contaminants</u>	SULFUR:	<u>Sum Less</u>
<u>0</u>	<u>Hazardous Contaminants</u>	NITROGEN:	<u>Than 1%</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>&lt;0.8</u>
WATER SOLUBILITY:	<u>Infinite</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>12-16</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>0</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>&lt;1</u>		
IDENTITY:	_____		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Variable</u>		
ODOR:	<u>Rubbing Alcohol</u> <u>Odor</u>		
VISCOSITY:	<u>Low</u>		

GENERIC NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: 53 FLAMMABLE SOLID:

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Alcohol Type Foam

FIRE-FIGHTING PROCEDURE: Carbon monoxide may result from incomplete combustion and therefore self-contained breathing apparatus should be used.

HEALTH DATA

TOXICITY: LD<sub>50</sub> No SKIN SENSITIZER: Unknown  
SKIN IRRITANT: No DEGREE OF IRRITATION:

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush with water 15 minutes. Obtain eyelids occasionally. Consult physician.  
SKIN CONTACT: Flush off with cold water. Remove contaminated clothing.  
INGESTION: Obtain medical attention.  
INHALATION: Remove to fresh air.

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH =

HANDLING & STORAGE PRECAUTIONS: Flammable - Breathing vapor may be harmful. Cause eye injury. Store in metal containers away from heat, sparks and flame.

PROTECTIVE EQUIPMENT

Respiratory, Rubber Gloves, Eye Protection, Air-Supplied Hood or Self-Contained Breathing Apparatus for Potential Overexposure.

WASTE DISPOSAL

TYPE OF DRUM: A) 55 gallon, unlined, tight-top bung reconditioned DOT steel drum, (Code #93-957-559).  
B) None - Direct pipeline transfer.

DRUM LABELING: DOT Flammable Liquid, Gold, EPA Hazardous Waste

EPA HAZARDOUS WASTE #: D-001

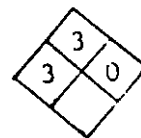
RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable Waste

DISPOSAL METHOD: Incineration

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Flush spills to drain.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Methanol Boilouts  
SHIPPING NAME Waste Solvent Nos (Methanol Solution)  
PREPARER Joseph Barry EFFECTIVE June 15, 1981  
ENVIRONMENTAL APPROVAL *JCB* SUPERSEDES November 19, 1980

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>&gt;99</u>	<u>Methanol</u>	HALOGEN:	<u>(Chlorine)</u>
<u>&lt;1</u>	<u>Total Non-Hazardous Contaminants</u>	SULFUR:	<u>Sum Less</u>
<u>0</u>	<u>Hazardous Contaminants</u>	NITROGEN:	<u>Than 1%</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>&lt;0.8</u>
WATER SOLUBILITY:	<u>Infinite</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>9-12</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>0</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>&lt;1</u>		
IDENTITY:	_____		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Variable</u>		
ODOR:	<u>Alcoholic to</u> <u>Pungent</u>		
VISCOSITY:	<u>Low</u>		

GENERIC NAME \_\_\_\_\_

CODE NUMBER \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: 52 FLAMMABLE SOLID: \_\_\_\_\_

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Alcohol Type Foam. Water may be ineffective.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 13,000 mg/kg (non-toxic) SKIN SENSITIZER: Unknown  
Can cause blindness.

SKIN IRRITANT: Yes DEGREE OF IRRITATION: Moderate

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush with water 15 minutes. Obtain medical attention.

SKIN CONTACT: Flush with large amounts of water.

INGESTION: Obtain medical attention.

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: No

IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Flammable. Breathing vapor harmful. Causes eye injury. Store away from heat, sparks and flame.

PROTECTIVE EQUIPMENT

Respiratory, Rubber Gloves, Eye Protection, Air-Supplied Hood or Self-Contained Breathing Apparatus for Potential Overexposure.

WASTE DISPOSAL

TYPE OF DRUM: A) 55 gallon, unlined, tight-top bung reconditioned DOT steel drum, (Code #93-957-559).  
B) None - direct pipeline transfer.

DRUM LABELING: DOT Flammable Liquid, Gold, EPA Hazardous Waste

EPA HAZARDOUS WASTE #: F-005

RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic Waste; Type 3B - Moderately Flammable Waste; Type 7B - Moderately Irritating Waste

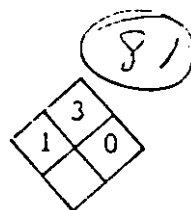
DISPOSAL METHOD: Incineration

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Flush to drain with large amount of water.



CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Methyl Ethyl Ketone Boilouts  
SHIPPING NAME Waste Solvent Nos (Methyl Ethyl Ketone Solution)  
PREPARER Joseph Barry EFFECTIVE June 15, 1981  
ENVIRONMENTAL APPROVAL JCB SUPERSEDES November 19, 1980

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>&gt;99</u>	<u>Methyl Ethyl Ketone</u>	HALOGEN:	<u>(Chlorine)</u>
<u>&lt;1</u>	<u>Total Non-Hazardous Contaminants</u>	SULFUR:	<u>Sum Less</u>
<u>0</u>	<u>Hazardous Contaminants</u>	NITROGEN:	<u>Than 1%</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.8-1.0</u>
WATER SOLUBILITY:	<u>Partial</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>12-16</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>0</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>&lt;1</u>		
IDENTITY:	_____		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Variable</u>		
ODOR:	<u>Sweet Lacquer- Like Odor</u>		
VISCOSITY:	<u>Low</u>		

GENERIC NAME \_\_\_\_\_

FIRE HAZARD DATA

FLASH POINT °F: 16 FLAMMABLE SOLID: \_\_\_\_\_

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Alcohol Type Foam

FIRE-FIGHTING PROCEDURE: Use self-contained breathing apparatus. Dilution with large amounts of water may reduce intensity of flame.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 3400 mg/kg (slightly toxic) SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Moderate

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush with water 15 minutes. Obtain medical attention.  
SKIN CONTACT: Flush with large amounts of water.  
INGESTION: Obtain medical attention.  
INHALATION: If inhaled, remove to fresh air. If breathing is difficult, administer oxygen. Call a physician.

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH = \_\_\_\_\_

HANDLING & STORAGE PRECAUTIONS: Breathing of vapors may be harmful. Liquid and vapor cause eye irritation. Keep away from heat, sparks, or flame.

PROTECTIVE EQUIPMENT

Respiratory, Rubber Gloves, Eye Protection, Air-Supplied Hood or Self-Contained Breathing Apparatus for Potential Overexposure.

WASTE DISPOSAL

TYPE OF DRUM: A) Special drums are required. Contact Warehousing.  
B) None - direct pipeline transfer.

DRUM LABELING: DOT Flammable Liquid, Gold, EPA Hazardous Waste

EPA HAZARDOUS WASTE #: F-005

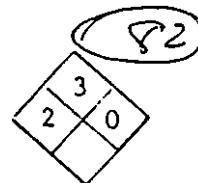
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic Waste; Type 3B - Moderately Flammable Waste; Type 7B - Moderately Irritating Waste

DISPOSAL METHOD: Incineration

ULTIMATE FATE: \_\_\_\_\_

SPILL OR LEAK PROCEDURE: Flush to drain with large amount of water.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME \_\_\_\_\_ CODE NUMBER \_\_\_\_\_  
GENERIC NAME Toluene Boilouts  
SHIPPING NAME Waste Solvent Nos (Toluene Solution)  
PREPARER Joseph Barry EFFECTIVE April 8, 1981  
ENVIRONMENTAL APPROVAL E Peach SUPERSEDES November 19, 1980

COMPOSITION

<u>% RANGE</u>	<u>COMPOUND</u>		
<u>&gt;99</u>	<u>Toluene</u>	HALOGEN:	<u>(Chlorine)</u>
<u>&lt;1</u>	<u>Total Non-Hazardous Contaminants</u>	SULFUR:	<u>Sum Less</u>
<u>0</u>	<u>Hazardous Contaminants</u>	NITROGEN:	<u>Than 1%</u>

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:	<u>Liquid</u>	(BULK) DENSITY:	<u>0.8-1.0</u>
WATER SOLUBILITY:	<u>Insoluble</u>	pH:	<u>Neutral</u>
HEAT VALUE (MBTU/LB):	<u>&gt;16</u>	% ASH:	<u>Trace</u>
% SUSPENDED SOLIDS:	<u>0</u>		
IDENTITY:	_____		
% DISSOLVED NON-VOLATILES:	<u>&lt;1</u>		
IDENTITY:	_____		
LAYERING:	<u>No</u>		
UPPER:	_____		
LOWER:	_____		
COLOR:	<u>Variable</u>		
ODOR:	<u>Toluene</u>		
VISCOSITY:	<u>Low</u>		

GENERIC NAME

CODE NUMBER

### FIRE HAZARD DATA

FLASH POINT °F: 40 FLAMMABLE SOLID:

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam

FIRE-FIGHTING PROCEDURE: Use self-contained breathing apparatus. Water cannot be used to fight toluene fires. Water will cause the fire to spread. However, a fine water fog used in conjunction with foam will cool the vapors so as to reduce the possibility of "flash back."

### HEALTH DATA

TOXICITY: LD<sub>50</sub> Slight SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight

### EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush with water 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain medical attention.  
INHALATION: If inhaled, remove to fresh air. Give artificial respiration. If breathing is difficult, give oxygen and consult physician.

### SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH =

HANDLING & STORAGE PRECAUTIONS: Flammable. Breathing of vapor may be harmful. Causes eye injury and skin irritation. Keep away from heat, sparks, and flame. Make sure area is well ventilated.

### PROTECTIVE EQUIPMENT

Respiratory, Rubber Gloves, Eye Protection, Air-Supplied Hood or Self-Contained Breathing Apparatus for Potential Overexposure.

### WASTE DISPOSAL

TYPE OF DRUM: A) 55 gallon, unlined, tight-top bung reconditioned DOT steel drum, (Code #93-957-559).  
B) None - direct pipeline transfer.

DRUM LABELING: DOT Flammable Liquid, Gold, EPA Hazardous Waste

EPA HAZARDOUS WASTE #: F-005

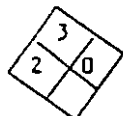
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic Waste; Type 3B - Moderately Flammable Waste; Type 7C - Slightly Irritating Waste

DISPOSAL METHOD: Incineration

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Clean up spills with absorbing agent (sawdust) and place in plastic bag in fiber drum. If necessary to meet DOT regulations, the fiber drum must be overpacked in a DOT H-17 drum. Label both drums.

WASTE DATA SHEET



PRODUCT NAME \_\_\_\_\_  
GENERIC NAME AROMATIC HYDROCARBON CODE NUMBER \_\_\_\_\_  
DOT HAZARD CLASS \_\_\_\_\_ EFFECTIVE \_\_\_\_\_ SUPERSEDES 5/15/81  
SHIPPING NAME Waste Flammable Solvent, NOS (Xylene Solution) ENVIRONMENTAL APPROVAL [Signature]  
PREPARER J. Materna

COMPOSITION

RANGE	COMPOUND:	
90-95 %	<u>Xylene</u>	HALOGEN: ( ) -- % Max.
5-10 %	<u>Substituted Pyrazolidinediones</u>	SULFUR: -- % Max.
%		NITROGEN: <1 % Max.
%		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE: ☐ SOLID ☒ LIQUID ☐ SEMI-SOLID/SLUDGE ☐ MIXED WASTE  
WATER SOLUBILITY: ☐ INFINITE ☐ PARTIAL ☐ INSOLUBLE pH -- -- % ASH  
SUSPENDED SOLIDS: -- % IDENTITY: \_\_\_\_\_  
DISSOLVED NON-VOLATILES: 5-10 % IDENTITY: Substituted Pyrazolidinediones  
LAYERING: ☐ YES ☒ NO  
UPPER LAYER: \_\_\_\_\_  
LOWER LAYER: \_\_\_\_\_  
COLOR: Brown to Orange ODOR: Paint Thinner VISCOSITY: \_\_\_\_\_  
VISCOSITY: ☒ LOW (WATER-LIKE) ☐ MEDIUM (OIL-LIKE) ☐ HIGH (SEMI-SOLID/SLUDGE)  
DENSITY: 0.9-0.95 HEAT VALUE (MBTU/LB) 16-18

FIRE HAZARD AND FIRE FIGHTING INFORMATION

FLASH POINT (f.p.) 81 °F BOILING POINT (b.p.) 130 °F ☐ FLAMMABLE SOLID  
EXTINGUISHING MEDIA: (ALL THAT APPLY) ☐ WATER ☒ CARBON DIOXIDE ☒ DRY CHEMICAL  
☒ WATER MIST ☒ ALCOHOL FOAM ☐ POLAR/SOLVENT FOAM  
☒ WEAR SELF-CONTAINED BREATHING APPARATUS (TOXIC GASES LIBERATED ON COMBUSTION)

FIRE FIGHTING PROCEDURE, IF SPECIAL TECHNIQUE NEEDED: Vapor is heavier than air and may travel to an ignition source and flash back.

HEALTH AND FIRST AID DATA

TLV \_\_\_\_\_ ppm SOURCE: \_\_\_\_\_  
LD<sub>50</sub> 4300 mg/kg, ORAL-RAT SOURCE: Xylene - Oral Rat  
SKIN SENSITIZER: ☐ YES ☒ NO ☐ UNKNOWN  
SKIN IRRITANT: ☒ YES ☐ NO ☐ UNKNOWN  
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Flush with water and wash thoroughly with soap.  
INGESTION: Obtain medical attention.  
INHALATION: Remove to fresh air.

POTENTIALLY HAZARDOUS CHEMICAL REACTIVITY: INDICATE ALL THAT APPLY

(CODE NO. \_\_\_\_\_)

☐ REACTIVE WITH OXIDANTS

☐ STRONG OXIDIZER

☐ REACTIVE WITH WATER

☐ EXPLOSIVE ON CONTACT WITH WATER

☐ EXPLOSIVE UPON SHOCK

☐ REACTIVE WITH ACIDS

☐ CORROSIVE: IF CORROSIVE pH \_\_\_\_\_

☐ REACTIVE WITH BASES

☐ OTHER (DESCRIBE) \_\_\_\_\_

SPECIAL PRECAUTIONS: HANDLING: ☐ NO SPECIAL PRECAUTIONS: ☒ OTHER (DESCRIBE): Ground and bond drums.

STORAGE: ☒ KEEP AWAY FROM HEAT, SPARK OR FLAME ☒ VENTILATE STORAGE AREA WELL

☐ NO SPECIAL PRECAUTIONS ☒ OTHER (DESCRIBE) Outside Storage

PERSONAL PROTECTIVE EQUIPMENT

NORMAL HANDLING: ☒ RUBBER GLOVES ☒ EYE PROTECTION ☐ DUST MASK (3M 8710 OR EQUIV.) ☐ AIR SUPPLIED HOOD

☐ OTHER (DESCRIBE) \_\_\_\_\_

SPILL CLEAN UP (OVER EXP. POT.): ☒ RUBBER GLOVES ☒ EYE PROTECTION ☐ DUST MASK (3M 8710 OR EQUIVALENT)

☒ AIR SUPPLIED HOOD ☐ OTHER (DESCRIBE) \_\_\_\_\_

WASTE DISPOSAL DATA

METHOD: ☒ INCINERATE WITH SCRUBBER ☐ SECURE LANDFILL ☐ BY SECOND PARTY

CONTAINERS FOR INCINERATION, SECURE LANDFILL OR BY SECOND PARTY:

☐ PUMP TO WASTE STORAGE TANK

☒ 55 GAL. UNLINED TIGHT TOP STEEL DRUM #93-957-559

☐ 30 GAL. BLO-LINE DRUM #93-952-302

☐ 55 GAL. H-5 LINED LOCK TOP DRUM #93-958-557

☐ ALL WEATHER #93- -

☐ 55 GAL. (OVERPAK OR SECURE LANDFILL) 2SLH BOLT RING POLY/STEEL (BLUE 5/8" BOLT RING, H-17) #93-958-559

BECAUSE A COMPONENT HAS VAPOR PRESSURE OF 16 psi @ 100°F

☐ OTHER \_\_\_\_\_

DRUM LABELS (WHEN OVERPACKING, BOTH DRUMS MUST BE LABELLED SAME)

☐ SPECIAL HANDLING ☒ FLAMMABLE LIQUID ☐ DOT FLAMMABLE SOLID ☐ CORROSIVE ☒ GOLF

☒ EPA HAZARDOUS (WASTE # D001); CONTACT WAREHOUSE, OTHER DOT LABELS MAY BE REQUIRED

☐ SECURE LANDFILL ☐ OTHER (DESCRIBE) \_\_\_\_\_

TOXICITY: - RHODE ISLAND CLASSIFICATION

☐ 1A HIGHLY TOXIC LD<sub>50</sub> ≤50 mg/kg

☐ 1B MODERATELY TOXIC >50 mg/kg <500 mg/kg

☒ 1C SLIGHTLY TOXIC >500 mg/kg-≤5000 mg/kg

☐ NON-HAZARDOUS >5000 mg/kg

EXTREMELY HAZARDOUS: ☒ NO ☐ YES (NOTIFY ENVIRONMENTAL AND WAREHOUSING ADDITIONAL LABELING REQUIRED)

REACTIVITY: ☒ NO ☐ YES (GET CLASS FROM ENVIRONMENTAL \_\_\_\_\_)

FLAMMABILITY:

☐ 3A HIGHLY FLAMMABLE F pt ≤73°F B pt ≤100°F

☐ 3C SLIGHTLY FLAMMABLE LIQUID F pt >100°F <200°F

☒ 3B MODERATELY FLAMMABLE F pt ≤73°F B pt >100°F or F pt 73-100°F

☐ 3C SLIGHTLY FLAMMABLE SOLID F pt Not >200°F) ☐ 3C SLIGHTLY FLAMMABLE SEMI-SOLID/SLUDGE F pt Not >300°F

☐ IF NONE OF THE ABOVE, NO DESIGNATION.

CORROSIVITY: ☒ NO (NON-CORROSIVE, NO DESIGNATION)

DEGREE: ☐ YES (CORROSIVE: TYPE 4-CORROSIVE)

IRRITANT DEGREE: ☐ NO OR UNKNOWN (NO DESIGNATION)

☐ 7A HIGHLY IRRITATING

☐ 7B MODERATELY IRRITATING

☒ 7C SLIGHTLY IRRITATING

SENSITIZER: ☒ NO (NO DESIGNATION)

☐ YES

☐ DEGREE TYPE 8 STRONG SENSITIZER

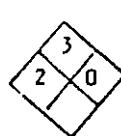
SPILL AND LEAK PROCEDURE

☒ PICK UP WITH ABSORBENT, PUT IN BLO-LINE DRUM OVER PACKING H-17, LABEL BOTH DRUMS AS ABOVE

☐ DRY SOLID, PICK UP AND PUT IN ALL WEATHER PACK, LABEL AS ABOVE ☐ WET SOLID, PICK UP AND PUT IN BLO-LINE DRUM, OVER PACK IN H-17, LABEL BOTH DRUMS AS ABOVE

☐ OTHER (DESCRIBE) \_\_\_\_\_

## WASTE DATA SHEET



PRODUCT NAME \_\_\_\_\_  
GENERIC NAME AROMATIC HYDROCARBON CODE NUMBER \_\_\_\_\_  
DOT HAZARD CLASS \_\_\_\_\_ EFFECTIVE \_\_\_\_\_ SUPERSEDES None  
SHIPPING NAME Waste Solvent, NOS (Xylene Solution) ENVIRONMENTAL APPROVAL [Signature]  
PREPARER J. Materna

COMPOSITION

<u>RANGE</u>	<u>COMPOUND:</u>	
<u>98-99%</u>	<u>Xylene</u>	HALOGEN: ( ) -- % Max.
<u>1-2 %</u>	<u>Water</u>	SULFUR: -- % Max.
<u>Trace %</u>	<u>Azobenzene</u>	NITROGEN: -- % Max.
<u>%</u>		

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE: ☐ SOLID ☒ LIQUID ☐ SEMI-SOLID/SLUDGE ☐ MIXED WASTE  
WATER SOLUBILITY: ☐ INFINITE ☐ PARTIAL ☒ INSOLUBLE pH -- -- % ASH  
SUSPENDED SOLIDS: -- % IDENTITY: \_\_\_\_\_  
DISSOLVED NON-VOLATILES: -- % IDENTITY: \_\_\_\_\_  
LAYERING: ☐ YES ☒ NO  
UPPER LAYER: \_\_\_\_\_  
LOWER LAYER: \_\_\_\_\_  
COLOR: Clear to Light Yellow ODOR: Paint Thinner VISCOSITY: \_\_\_\_\_  
VISCOSITY: ☒ LOW (WATER-LIKE) ☐ MEDIUM (OIL-LIKE) ☐ HIGH (SEMI-SOLID/SLUDGE)  
DENSITY: 0.9 HEAT VALUE (MBTU/LB) 16-18

FIRE HAZARD AND FIRE FIGHTING INFORMATION

FLASH POINT (f.p.) 81 °F BOILING POINT (b.p.) 98-100 °F ☐ FLAMMABLE SOLID  
EXTINGUISHING MEDIA: (ALL THAT APPLY) ☐ WATER ☒ CARBON DIOXIDE ☒ DRY CHEMICAL  
☒ WATER MIST ☒ ALCOHOL FOAM ☐ POLAR/SOLVENT FOAM  
☒ WEAR SELF-CONTAINED BREATHING APPARATUS (TOXIC GASES LIBERATED ON COMBUSTION)  
FIRE FIGHTING PROCEDURE, IF SPECIAL TECHNIQUE NEEDED: Vapor is heavier than air and may travel to an ignition source and flash back.

HEALTH AND FIRST AID DATA

TLV \_\_\_\_\_ ppm SOURCE: \_\_\_\_\_  
LD<sub>50</sub> 4300 mg/kg, ORAL-RAT SOURCE: Xylene - Oral Rat  
SKIN SENSITIZER: ☐ YES ☒ NO ☐ UNKNOWN  
SKIN IRRITANT: ☒ YES ☐ NO ☐ UNKNOWN  
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Flush with water and wash thoroughly with soap.  
INGESTION: Obtain medical attention.  
INHALATION: Remove to fresh air.

POTENTIALLY HAZARDOUS CHEMICAL REACTIVITY: INDICATE ALL THAT APPLY

(CODE NO. \_\_\_\_\_)

☐ REACTIVE WITH OXIDANTS

☐ STRONG OXIDIZER

☐ REACTIVE WITH WATER

☐ EXPLOSIVE ON CONTACT WITH WATER

☐ EXPLOSIVE UPON SHOCK

☐ REACTIVE WITH ACIDS

☐ CORROSIVE: IF CORROSIVE pH \_\_\_\_\_

☐ REACTIVE WITH BASES

☐ OTHER (DESCRIBE) \_\_\_\_\_

SPECIAL PRECAUTIONS: HANDLING: ☐ NO SPECIAL PRECAUTIONS: ☒ OTHER (DESCRIBE): Ground and bond drums.

STORAGE: ☒ KEEP AWAY FROM HEAT, SPARK OR FLAME ☒ VENTILATE STORAGE AREA WELL

☐ NO SPECIAL PRECAUTIONS ☒ OTHER (DESCRIBE) Outside Storage

PERSONAL PROTECTIVE EQUIPMENT

NORMAL HANDLING: ☒ RUBBER GLOVES ☒ EYE PROTECTION ☐ DUST MASK (3M 8710 OR EQUIV.) ☐ AIR SUPPLIED HOOD

☐ OTHER (DESCRIBE) \_\_\_\_\_

SPILL CLEAN UP (OVER EXP. POT.): ☒ RUBBER GLOVES ☒ EYE PROTECTION ☐ DUST MASK (3M 8710 OR EQUIVALENT)

☒ AIR SUPPLIED HOOD ☐ OTHER (DESCRIBE) \_\_\_\_\_

WASTE DISPOSAL DATA

METHOD: ☒ INCINERATE WITH SCRUBBER ☐ SECURE LANDFILL ☐ BY SECOND PARTY

CONTAINERS FOR INCINERATION, SECURE LANDFILL OR BY SECOND PARTY:

☐ PUMP TO WASTE STORAGE TANK

☒ 55 GAL. UNLINED TIGHT TOP STEEL DRUM #93-957-559

☐ 30 GAL. BLO-LINE DRUM #93-952-302

☐ 55 GAL. H-5 LINED LOCK TOP DRUM #93-958-557

☐ ALL WEATHER #93- -

☐ 55 GAL. (OVERPAK OR SECURE LANDFILL) 2SLH BOLT RING POLY/STEEL (BLUE 5/8" BOLT RING, H-17) #93-958-559

BECAUSE A COMPONENT HAS VAPOR PRESSURE OF 16 psi @ 100°F

☐ OTHER \_\_\_\_\_

DRUM LABELS (WHEN OVERPACKING, BOTH DRUMS MUST BE LABELLED SAME)

☐ SPECIAL HANDLING ☒ FLAMMABLE LIQUID ☐ DOT FLAMMABLE SOLID ☐ CORROSIVE ☒ GOLF

☒ EPA HAZARDOUS (WASTE # 0001); CONTACT WAREHOUSE, OTHER DOT LABELS MAY BE REQUIRED

☐ SECURE LANDFILL ☐ OTHER (DESCRIBE) \_\_\_\_\_

TOXICITY: - RHODE ISLAND CLASSIFICATION

☐ 1A HIGHLY TOXIC LD<sub>50</sub> ≤50 mg/kg

☐ 1B MODERATELY TOXIC >50 mg/kg <500 mg/kg

☒ 1C SLIGHTLY TOXIC >500 mg/kg-≤5000 mg/kg

☐ NON-HAZARDOUS >5000 mg/kg

EXTREMELY HAZARDOUS: ☒ NO ☐ YES (NOTIFY ENVIRONMENTAL AND WAREHOUSING ADDITIONAL LABELING REQUIRED)

REACTIVITY: ☒ NO ☐ YES (GET CLASS FROM ENVIRONMENTAL \_\_\_\_\_)

FLAMMABILITY:

☐ 3A HIGHLY FLAMMABLE F pt ≤73°F B pt ≤100°F

☐ 3C SLIGHTLY FLAMMABLE LIQUID F pt >100°F <200°F

☒ 3B MODERATELY FLAMMABLE F pt ≤73°F B pt >100°F or F pt 73-100°F

☐ 3C SLIGHTLY FLAMMABLE SOLID F pt Not >200°F) ☐ 3C SLIGHTLY FLAMMABLE SEMI-SOLID/SLUDGE F pt Not >300°F

☐ IF NONE OF THE ABOVE, NO DESIGNATION.

CORROSIVITY: ☒ NO (NON-CORROSIVE, NO DESIGNATION)

DEGREE: ☐ YES (CORROSIVE: TYPE 4-CORROSIVE)

IRRITANT DEGREE: ☐ NO OR UNKNOWN (NO DESIGNATION)

☐ 7A HIGHLY IRRITATING

☐ 7B MODERATELY IRRITATING

☒ 7C SLIGHTLY IRRITATING

SENSITIZER: ☒ NO (NO DESIGNATION)

☐ YES

☐ DEGREE TYPE 8 STRONG SENSITIZER

SPILL AND LEAK PROCEDURE

☒ PICK UP WITH ABSORBENT, PUT IN BLO-LINE DRUM OVER PACKING H-17, LABEL BOTH DRUMS AS ABOVE

☐ DRY SOLID, PICK UP AND PUT IN ALL WEATHER PACK, LABEL AS ABOVE ☐ WET SOLID, PICK UP AND PUT IN BLO-LINE DRUM, OVER PACK IN H-17, LABEL BOTH DRUMS AS ABOVE ☐ OTHER (DESCRIBE) \_\_\_\_\_



WASTE DATA SHEET

PRODUCT NAME

GENERIC NAME HYDROCARBON/ALCOHOL

CODE NUMBER

DOT HAZARD CLASS

EFFECTIVE

SUPERSEDES 12/18/00

SHIPPING NAME Waste Solvent, NOS (Xylene Solution)

ENVIRONMENTAL APPROVAL

PREPARER J. Materna

COMPOSITION

RANGE

COMPOUND:

70-80 % Xylene  
5-10 % Methanol  
10-15 % Ethanol  
Trace % Azobenzene, DIALKYL ESTER

HALOGEN: ( ) 0 % Max.  
SULFUR: 0 % Max.  
NITROGEN: Trace % Max.

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE: ☐ SOLID ☒ LIQUID ☐ SEMI-SOLID/SLUDGE ☐ MIXED WASTE  
WATER SOLUBILITY: ☐ INFINITE ☒ PARTIAL ☐ INSOLUBLE pH -- Trace % ASH  
SUSPENDED SOLIDS: -- % IDENTITY:   
DISSOLVED NON-VOLATILES: -- % IDENTITY:   
LAYERING: ☐ YES ☒ NO

UPPER LAYER:

LOWER LAYER:

COLOR: Clear to Light Orange ODOR: Paint Thinner VISCOSITY:   
VISCOSITY: ☒ LOW (WATER-LIKE) ☐ MEDIUM (OIL-LIKE) ☐ HIGH (SEMI-SOLID/SLUDGE)  
DENSITY: 0.9-1.0 HEAT VALUE (MBTU/LB) 16-18

FIRE HAZARD AND FIRE FIGHTING INFORMATION

FLASH POINT (f.p.) 81 °F BOILING POINT (b.p.) 95-100 °F ☐ FLAMMABLE SOLID  
EXTINGUISHING MEDIA: (ALL THAT APPLY) ☐ WATER ☒ CARBON DIOXIDE ☒ DRY CHEMICAL  
☒ WATER MIST ☒ ALCOHOL FOAM ☐ POLAR/SOLVENT FOAM

☒ WEAR SELF-CONTAINED BREATHING APPARATUS (TOXIC GASES LIBERATED ON COMBUSTION)

FIRE FIGHTING PROCEDURE, IF SPECIAL TECHNIQUE NEEDED: Vapor is heavier than air and may travel to an ignition source and flash back.

HEALTH AND FIRST AID DATA

TLV                      ppm SOURCE:   
LD<sub>50</sub> 4300 mg/kg, ORAL-RAT SOURCE: Xylene - Oral Rat  
SKIN SENSITIZER: ☐ YES ☒ NO ☐ UNKNOWN  
SKIN IRRITANT: ☒ YES ☐ NO ☐ UNKNOWN

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Flush with water and wash thoroughly with soap.  
INGESTION: Obtain medical attention.  
INHALATION: Remove to fresh air.

REACTIVE WITH WATER☐ REACTIVE WITH WATER☐ EXPLOSIVE UPON SHOCK☐ CORROSIVE: IF CORROSIVE pH \_\_\_\_\_☐ OTHER (DESCRIBE) \_\_\_\_\_STRONG OXIDIZER☐ EXPLOSIVE ON CONTACT WITH WATER☐ REACTIVE WITH ACIDS☐ REACTIVE WITH BASES

SPECIAL PRECAUTIONS: HANDLING: ☐ NO SPECIAL PRECAUTIONS: ☒ OTHER (DESCRIBE): Ground and bond drums.

STORAGE: ☒ KEEP AWAY FROM HEAT, SPARK OR FLAME ☒ VENTILATE STORAGE AREA WELL

☐ NO SPECIAL PRECAUTIONS ☐ OTHER (DESCRIBE) \_\_\_\_\_PERSONAL PROTECTIVE EQUIPMENT

NORMAL HANDLING: ☒ RUBBER GLOVES ☒ EYE PROTECTION ☐ DUST MASK (3M 8710 OR EQUIV.) ☐ AIR SUPPLIED HOOD

☐ OTHER (DESCRIBE) \_\_\_\_\_

SPILL CLEAN UP (OVER EXP. POT.): ☒ RUBBER GLOVES ☒ EYE PROTECTION ☐ DUST MASK (3M 8710 OR EQUIVALENT)

☒ AIR SUPPLIED HOOD ☐ OTHER (DESCRIBE) \_\_\_\_\_WASTE DISPOSAL DATA

METHOD: ☒ INCINERATE WITH SCRUBBER ☐ SECURE LANDFILL ☐ BY SECOND PARTY

CONTAINERS FOR INCINERATION, SECURE LANDFILL OR BY SECOND PARTY:

☐ PUMP TO WASTE STORAGE TANK☒ 55 GAL. UNLINED TIGHT TOP STEEL DRUM #93-957-559☐ 30 GAL. BLO-LINE DRUM #93-952-302☐ 55 GAL. H-5 LINED LOCK TOP DRUM #93-958-557☐ ALL WEATHER #93- -☐ 55 GAL. (OVERPAK OR SECURE LANDFILL) 2SLH BOLT RING POLY/STEEL (BLUE 5/8" BOLT RING, H-17) #93-958-559

BECAUSE A COMPONENT HAS VAPOR PRESSURE OF 16 psi @ 100°F

☐ OTHER \_\_\_\_\_DRUM LABELS (WHEN OVERPACKING, BOTH DRUMS MUST BE LABELLED SAME)

☐ SPECIAL HANDLING ☒ FLAMMABLE LIQUID ☐ DOT FLAMMABLE SOLID ☐ CORROSIVE ☒ GOLD

☒ EPA HAZARDOUS (WASTE # 0001); CONTACT WAREHOUSE, OTHER DOT LABELS MAY BE REQUIRED

☐ SECURE LANDFILL ☐ OTHER (DESCRIBE) \_\_\_\_\_TOXICITY: - RHODE ISLAND CLASSIFICATION☐ 1A HIGHLY TOXIC LD<sub>50</sub> ≤50 mg/kg☐ 1B MODERATELY TOXIC >50 mg/kg <500 mg/kg☒ 1C SLIGHTLY TOXIC >500 mg/kg-≤5000 mg/kg☐ NON-HAZARDOUS >5000 mg/kg

EXTREMELY HAZARDOUS: ☒ NO ☐ YES (NOTIFY ENVIRONMENTAL AND WAREHOUSING ADDITIONAL LABELING REQUIRED)

REACTIVITY: ☒ NO ☐ YES (GET CLASS FROM ENVIRONMENTAL \_\_\_\_\_)

FLAMMABILITY:☐ 3A HIGHLY FLAMMABLE F pt ≤73°F B pt ≤100°F☐ 3C SLIGHTLY FLAMMABLE LIQUID F pt >100°F <200°F☒ 3B MODERATELY FLAMMABLE F pt ≤73°F B pt >100°F or F pt 73-100°F

☐ 3C SLIGHTLY FLAMMABLE SOLID F pt Not >200°F) ☐ 3C SLIGHTLY FLAMMABLE SEMI-SOLID/SLUDGE F pt Not >300°F

☐ IF NONE OF THE ABOVE, NO DESIGNATION.

CORROSIVITY: ☒ NO (NON-CORROSIVE, NO DESIGNATION)

DEGREE: ☐ YES (CORROSIVE: TYPE 4-CORROSIVE)

IRRITANT DEGREE: ☐ NO OR UNKNOWN (NO DESIGNATION)

☐ 7A HIGHLY IRRITATING☐ 7B MODERATELY IRRITATING☒ 7C SLIGHTLY IRRITATING

SENSITIZER: ☒ NO (NO DESIGNATION)

☐ YES☐ DEGREE TYPE 8 STRONG SENSITIZERSPILL AND LEAK PROCEDURE

☒ PICK UP WITH ABSORBENT, PUT IN BLO-LINE DRUM OVER PACKING H-17, LABEL BOTH DRUMS AS ABOVE

☐ DRY SOLID, PICK UP AND PUT IN ALL WEATHER PACK, LABEL AS ABOVE☐ WET SOLID, PICK UP AND PUT IN

BLO-LINE DRUM, OVER PACK IN H-17, LABEL BOTH DRUMS AS ABOVE ☐ OTHER (DESCRIBE) \_\_\_\_\_

WASTE DATA SHEET

PRODUCT NAME

GENERIC NAME FILTER MEDIA

CODE NUMBER

DOT HAZARD CLASS

EFFECTIVE

SUPERSEDES 12/19/80

SHIPPING NAME Flammable Solid, NOS

ENVIRONMENTAL APPROVAL

PREPARER J. Materna

COMPOSITION

RANGE

COMPOUND:

85-95 % Filter Papers

<1 % Zinc (Hydroxide/Oxide)

5-10 % Xylene

<1 % Azobenzene

HALOGEN: ( ) 0 % Max.

SULFUR: 0 % Max.

NITROGEN: <0.5 % Max.

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE: ☒ SOLID ☐ LIQUID ☐ SEMI-SOLID/SLUDGE ☐ MIXED WASTE

WATER SOLUBILITY: ☐ INFINITE ☐ PARTIAL ☒ INSOLUBLE pH Neutral <1 % ASH

SUSPENDED SOLIDS: 95 % IDENTITY: Filter Papers

DISSOLVED NON-VOLATILES: N/A % IDENTITY:

LAYERING: ☐ YES ☒ NO

UPPER LAYER:

LOWER LAYER:

COLOR: White to Yellow ODOR: Paint Thinner VISCOSITY: N/A

VISCOSITY: ☐ LOW (WATER-LIKE) ☐ MEDIUM (OIL-LIKE) ☐ HIGH (SEMI-SOLID/SLUDGE)

DENSITY: 0.9-1.0 HEAT VALUE (MBTU/LB) <5

FIRE HAZARD AND FIRE FIGHTING INFORMATION

FLASH POINT (f.p.) 81 °F BOILING POINT (b.p.) N/A °F ☒ FLAMMABLE SOLID

EXTINGUISHING MEDIA: (ALL THAT APPLY) ☒ WATER ☒ CARBON DIOXIDE ☒ DRY CHEMICAL

☐ WATER MIST ☒ ALCOHOL FOAM ☐ POLAR/SOLVENT FOAM

☒ WEAR SELF-CONTAINED BREATHING APPARATUS (TOXIC GASES LIBERATED ON COMBUSTION)

FIRE FIGHTING PROCEDURE, IF SPECIAL TECHNIQUE NEEDED: Vapor may travel a considerable distance to a source of ignition and flash back.

HEALTH AND FIRST AID DATA

TLV ppm

SOURCE:

LD<sub>50</sub> >5000 mg/kg, ORAL-RAT

SOURCE:

SKIN SENSITIZER: ☐ YES ☐ NO ☒ UNKNOWN

SKIN IRRITANT: ☐ YES ☐ NO ☒ UNKNOWN

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Flush with water and wash thoroughly with soap.

INGESTION: Obtain medical attention.

INHALATION:

POTENTIALLY HAZARDOUS CHEMICAL REACTIVITY: INDICATE ALL THAT APPLY

(CODE NO. \_\_\_\_\_)

☒ REACTIVE WITH OXIDANTS

☐ STRONG OXIDIZER

☐ REACTIVE WITH WATER

☐ EXPLOSIVE ON CONTACT WITH WATER

☐ EXPLOSIVE UPON SHOCK

☐ REACTIVE WITH ACIDS

☐ CORROSIVE: IF CORROSIVE pH \_\_\_\_\_

☐ REACTIVE WITH BASES

☐ OTHER (DESCRIBE) \_\_\_\_\_

SPECIAL PRECAUTIONS: HANDLING: ☐ NO SPECIAL PRECAUTIONS: ☒ OTHER (DESCRIBE): Keep away from oxidizing materials.

STORAGE: ☐ KEEP AWAY FROM HEAT, SPARK OR FLAME ☒ VENTILATE STORAGE AREA WELL

☐ NO SPECIAL PRECAUTIONS ☒ OTHER (DESCRIBE) Outside Storage

PERSONAL PROTECTIVE EQUIPMENT

NORMAL HANDLING: ☒ RUBBER GLOVES ☒ EYE PROTECTION ☐ DUST MASK (3M 8710 OR EQUIV.) ☐ AIR SUPPLIED HOOD

☐ OTHER (DESCRIBE) \_\_\_\_\_

SPILL CLEAN UP (OVER EXP. POT.): ☒ RUBBER GLOVES ☒ EYE PROTECTION ☐ DUST MASK (3M 8710 OR EQUIVALENT)

☒ AIR SUPPLIED HOOD ☐ OTHER (DESCRIBE) \_\_\_\_\_

WASTE DISPOSAL DATA

METHOD: ☒ INCINERATE WITH SCRUBBER ☐ SECURE LANDFILL ☐ BY SECOND PARTY

CONTAINERS FOR INCINERATION, SECURE LANDFILL OR BY SECOND PARTY:

☐ PUMP TO WASTE STORAGE TANK

☐ 55 GAL. UNLINED TIGHT TOP STEEL DRUM #93-957-559 ☒ 30 GAL. BLO-LINE DRUM #93-952-302

☐ 55 GAL. H-5 LINED LOCK TOP DRUM #93-958-557 ☐ ALL WEATHER #93-\_\_\_\_\_

☒ 55 GAL. (OVERPAK OR SECURE LANDFILL) 2SLH BOLT RING POLY/STEEL (BLUE 5/8" BOLT RING, H-17) #93-958-559

BECAUSE A COMPONENT HAS VAPOR PRESSURE OF 16 psi @ 100°F

☐ OTHER \_\_\_\_\_

DRUM LABELS (WHEN OVERPACKING, BOTH DRUMS MUST BE LABELLED SAME)

☒ SPECIAL HANDLING ☐ FLAMMABLE LIQUID ☒ DOT FLAMMABLE SOLID ☐ CORROSIVE ☒ GOLF

☒ EPA HAZARDOUS (WASTE # D001); CONTACT WAREHOUSE, OTHER DOT LABELS MAY BE REQUIRED

☐ SECURE LANDFILL ☐ OTHER (DESCRIBE) \_\_\_\_\_

TOXICITY: - RHODE ISLAND CLASSIFICATION

☐ 1A HIGHLY TOXIC LD<sub>50</sub> ≤50 mg/kg

☐ 1B MODERATELY TOXIC >50 mg/kg <500 mg/kg

☐ 1C SLIGHTLY TOXIC >500 mg/kg-≤5000 mg/kg

☐ NON-HAZARDOUS >5000 mg/kg

EXTREMELY HAZARDOUS: ☒ NO ☐ YES (NOTIFY ENVIRONMENTAL AND WAREHOUSING ADDITIONAL LABELING REQUIRED)

REACTIVITY: ☒ NO ☐ YES (GET CLASS FROM ENVIRONMENTAL \_\_\_\_\_)

FLAMMABILITY:

☐ 3A HIGHLY FLAMMABLE F pt ≤73°F B pt ≤100°F ☐ 3C SLIGHTLY FLAMMABLE LIQUID F pt >100°F <200°F

☒ 3B MODERATELY FLAMMABLE F pt ≤73°F B pt >100°F or F pt 73-100°F

☐ 3C SLIGHTLY FLAMMABLE SOLID F pt Not >200°F) ☐ 3C SLIGHTLY FLAMMABLE SEMI-SOLID/SLUDGE F pt Not >300°F

☐ IF NONE OF THE ABOVE, NO DESIGNATION.

CORROSIVITY: ☒ NO (NON-CORROSIVE, NO DESIGNATION)

DEGREE: ☐ YES (CORROSIVE: TYPE 4-CORROSIVE)

IRRITANT DEGREE: ☒ NO OR UNKNOWN (NO DESIGNATION)

☐ 7A HIGHLY IRRITATING

☐ 7B MODERATELY IRRITATING

☐ 7C SLIGHTLY IRRITATING

SENSITIZER: ☒ NO (NO DESIGNATION)

☐ YES

☐ DEGREE TYPE 8 STRONG SENSITIZER

SPILL AND LEAK PROCEDURE

☒ PICK UP WITH ABSORBENT, PUT IN BLO-LINE DRUM OVER PACKING H-17, LABEL BOTH DRUMS AS ABOVE

☐ DRY SOLID, PICK UP AND PUT IN ALL WEATHER PACK, LABEL AS ABOVE ☒ WET SOLID, PICK UP AND PUT IN BLO-LINE DRUM, OVER PACK IN H-17, LABEL BOTH DRUMS AS ABOVE ☐ OTHER (DESCRIBE) \_\_\_\_\_

## WASTE DATA SHEET

PRODUCT NAME

GENERIC NAME AROMATIC HYDROCARBON

CODE NUMBER

DOT HAZARD CLASS Flammable Liquid

EFFECTIVE

SUPERSEDES NoneSHIPPING NAME Waste Solvent, NOS (Xylene Solution)

ENVIRONMENTAL APPROVAL

PREPARER J. MaternaCOMPOSITION

<u>RANGE</u>	<u>COMPOUND:</u>	
<u>90-95%</u>	<u>Xylene</u>	HALOGEN: ( ) -- % Max.
<u>5-10%</u>	<u>Substituted Pyrazolidinediones</u>	SULFUR: -- % Max.
<u>%</u>		NITROGEN: <1 % Max.
<u>%</u>		

CHEMICAL AND PHYSICAL PROPERTIESPHYSICAL STATE: ☐ SOLID ☒ LIQUID ☐ SEMI-SOLID/SLUDGE ☐ MIXED WASTEWATER SOLUBILITY: ☐ INFINITE ☐ PARTIAL ☒ INSOLUBLE pH -- -- % ASH

SUSPENDED SOLIDS: -- %

IDENTITY:

DISSOLVED NON-VOLATILES: 5-10 %

IDENTITY: Substituted PyrazolidinedionesLAYERING: ☐ YES ☒ NO

UPPER LAYER:

LOWER LAYER:

COLOR: Yellow to OrangeODOR: Paint Thinner

VISCOSITY:

VISCOSITY: ☒ LOW (WATER-LIKE)☐ MEDIUM (OIL-LIKE)☐ HIGH (SEMI-SOLID/SLUDGE)DENSITY: 0.9HEAT VALUE (MBTU/LB) 16-18FIRE HAZARD AND FIRE FIGHTING INFORMATIONFLASH POINT (f.p.) 81 °FBOILING POINT (b.p.) 100 °F☐ FLAMMABLE SOLIDEXTINGUISHING MEDIA: (ALL THAT APPLY) ☐ WATER ☒ CARBON DIOXIDE ☒ DRY CHEMICAL☒ WATER MIST ☒ ALCOHOL FOAM ☒ POLAR/SOLVENT FOAM☒ WEAR SELF-CONTAINED BREATHING APPARATUS (TOXIC GASES LIBERATED ON COMBUSTION).FIRE FIGHTING PROCEDURE, IF SPECIAL TECHNIQUE NEEDED: Vapor is heavier than air and may travel to an ignition source and flash back.HEALTH AND FIRST AID DATATWA 100 ppmSOURCE: ACGIH-1982LO<sub>50</sub> 4300 mg/kg, ORAL-RATSOURCE: NIOSH-1978SKIN SENSITIZER: ☐ YES ☒ NO ☐ UNKNOWNSKIN IRRITANT: ☒ YES ☐ NO ☐ UNKNOWNEYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.SKIN CONTACT: Flush with water and wash thoroughly with soap.INGESTION: Obtain medical attention.INHALATION: Remove to fresh air.

POTENTIALLY HAZARDOUS CHEMICAL REACTIVITY: INDICATE ALL THAT APPLY (CODE NO. \_\_\_\_\_)

<input type="checkbox"/> REACTIVE WITH OXIDANTS	<input type="checkbox"/> STRONG OXIDIZER
<input type="checkbox"/> REACTIVE WITH WATER	<input type="checkbox"/> EXPLOSIVE ON CONTACT WITH WATER
<input type="checkbox"/> EXPLOSIVE UPON SHOCK	<input type="checkbox"/> REACTIVE WITH ACIDS
<input type="checkbox"/> CORROSIVE: IF CORROSIVE pH _____	<input type="checkbox"/> REACTIVE WITH BASES
<input type="checkbox"/> OTHER (DESCRIBE) _____	

SPECIAL PRECAUTIONS: HANDLING: ☐ NO SPECIAL PRECAUTIONS: ☒ OTHER (DESCRIBE): Ground and bond drums.

STORAGE: ☒ KEEP AWAY FROM HEAT, SPARK OR FLAME ☒ VENTILATE STORAGE AREA WELL

☐ NO SPECIAL PRECAUTIONS ☒ OTHER (DESCRIBE) Outside Storage

PERSONAL PROTECTIVE EQUIPMENT

NORMAL HANDLING: ☒ RUBBER GLOVES ☒ EYE PROTECTION ☐ DUST MASK (3M 8710 OR EQUIV.) ☐ AIR SUPPLIED HOOD

☐ OTHER (DESCRIBE) \_\_\_\_\_

SPILL CLEAN UP (OVER EXP. POT.): ☒ RUBBER GLOVES ☒ EYE PROTECTION ☐ DUST MASK (3M 8710 OR EQUIVALENT)

☒ AIR SUPPLIED HOOD ☐ OTHER (DESCRIBE) \_\_\_\_\_

WASTE DISPOSAL DATA

METHOD: ☒ INCINERATE WITH SCRUBBER ☐ SECURE LANDFILL ☐ BY SECOND PARTY

CONTAINERS FOR INCINERATION, SECURE LANDFILL OR BY SECOND PARTY:

☒ PUMP TO WASTE STORAGE TANK

☒ 55 GAL. UNLINED TIGHT TOP STEEL DRUM #93-957-559 ☐ 30 GAL. BLO-LINE DRUM #93-952-302

☐ 55 GAL. H-5 LINED LOCK TOP DRUM #93-958-557

☐ ALL WEATHER #93- -

☐ 55 GAL. (OVERPAK OR SECURE LANDFILL) 2SLH BOLT RING POLY/STEEL (BLUE 5/8" BOLT RING, H-17) #93-958-559

BECAUSE A COMPONENT HAS VAPOR PRESSURE OF 16 psi @ 100°F

☐ OTHER \_\_\_\_\_

DRUM LABELS (WHEN OVERPACKING, BOTH DRUMS MUST BE LABELLED SAME)

☐ SPECIAL HANDLING ☒ FLAMMABLE LIQUID ☐ DOT FLAMMABLE SOLID ☐ CORROSIVE ☒ GOLF

☒ EPA HAZARDOUS (WASTE # DD01); CONTACT WAREHOUSE, OTHER DOT LABELS MAY BE REQUIRED

☐ SECURE LANDFILL ☐ OTHER (DESCRIBE) \_\_\_\_\_

TOXICITY: - RHODE ISLAND CLASSIFICATION

☐ 1A HIGHLY TOXIC LD<sub>50</sub> ≤50 mg/kg

☐ 1B MODERATELY TOXIC >50 mg/kg <500 mg/kg

☒ 1C SLIGHTLY TOXIC >500 mg/kg-≤5000 mg/kg

☐ NON-HAZARDOUS >5000 mg/kg

EXTREMELY HAZARDOUS: ☒ NO ☐ YES (NOTIFY ENVIRONMENTAL AND WAREHOUSING ADDITIONAL LABELING REQUIRED)

REACTIVITY: ☒ NO ☐ YES (GET CLASS FROM ENVIRONMENTAL \_\_\_\_\_)

FLAMMABILITY:

☐ 3A HIGHLY FLAMMABLE F pt ≤73°F B pt ≤100°F ☐ 3C SLIGHTLY FLAMMABLE LIQUID F pt >100°F <200°F

☒ 3B MODERATELY FLAMMABLE F pt ≤73°F B pt >100°F or F pt 73-100°F

☐ 3C SLIGHTLY FLAMMABLE SOLID F pt Not >200°F) ☐ 3C SLIGHTLY FLAMMABLE SEMI-SOLID/SLUDGE F pt Not >300°F

☐ IF NONE OF THE ABOVE, NO DESIGNATION.

CORROSIVITY: ☒ NO (NON-CORROSIVE, NO DESIGNATION) DEGREE: ☐ YES (CORROSIVE: TYPE 4-CORROSIVE)

IRRITANT DEGREE: ☐ NO OR UNKNOWN (NO DESIGNATION) ☐ 7A HIGHLY IRRITATING

☐ 7B MODERATELY IRRITATING

☒ 7C SLIGHTLY IRRITATING

SENSITIZER: ☒ NO (NO DESIGNATION) ☐ YES ☐ DEGREE TYPE 8 STRONG SENSITIZER

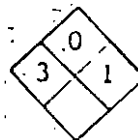
SPILL AND LEAK PROCEDURE

☒ PICK UP WITH ABSORBENT, PUT IN BLO-LINE DRUM OVER PACKING H-17, LABEL BOTH DRUMS AS ABOVE

☐ DRY SOLID, PICK UP AND PUT IN ALL WEATHER PACK, LABEL AS ABOVE ☐ WET SOLID, PICK UP AND PUT IN

BLO-LINE DRUM, OVER PACK IN H-17, LABEL BOTH DRUMS AS ABOVE ☐ OTHER (DESCRIBE) \_\_\_\_\_

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME

CODE NUMBER

GENERIC NAME Inorganic Hydroxide

SHIPPING NAME Waste Inorganic Solid, NOS

PREPARER Ronald Tellier

EFFECTIVE December 9, 1981

ENVIRONMENTAL APPROVAL *T. Tellier*

SUPERSEDES None

COMPOSITION

% RANGE COMPOUND

93 Calcium Hydroxide

HALOGEN: ( 0 ) 0%

7 Water

SULFUR: 0 %

NITROGEN: 0 %

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE: Solid

(BULK) DENSITY: 2.2

WATER SOLUBILITY: 0.2%

pH: 13

HEAT VALUE (MBTU/LB): NA

% ASH: 71

% SUSPENDED SOLIDS: NA

IDENTITY:

% DISSOLVED NON-VOLATILES: NA

IDENTITY:

LAYERING: NA

UPPER:

LOWER:

COLOR: White

ODOR: None

VISCOSITY: Solid

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: Non-Flammable

FLAMMABLE SOLID: No

EXTINGUISHING MEDIA: Non-Flammable

FIRE-FIGHTING PROCEDURE: Non-Flammable

HEALTH DATA

TOXICITY: LD<sub>50</sub>

7340 mg/kg

SKIN IRRITANT:

Yes

SKIN SENSITIZER:

Unknown

DEGREE OF IRRITATION:

Severe

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION: Give oxygen if necessary. Obtain medical attention.

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: Yes

IF CORROSIVE pH = 13

HANDLING & STORAGE PRECAUTIONS: Avoid exposure to air, moisture, strong acids.

Avoid dust formation.

PROTECTIVE EQUIPMENT

Dust mask, rubber gloves, goggles, local exhaust

WASTE DISPOSAL

TYPE OF DRUM: H-17 (5/8 Inch Bolt)

DRUM LABELING: Gold, Secure Landfill, DOT Corrosive (pH = 13)

EPA HAZARDOUS WASTE #: D002

RHODE ISLAND CLASSIFICATION: Type 4 - Corrosive, Type 7A - Highly Irritating

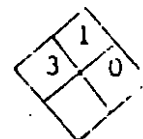
DISPOSAL METHOD: Secure landfill

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Sweep up. Wash area with water. Wear protective gear.



CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME

CODE NUMBER

GENERIC NAME Organic Acid

SHIPPING NAME Waste Organic Solid

PREPARER Elizabeth Thomas

EFFECTIVE January 18, 1982

ENVIRONMENTAL APPROVAL T. B.

SUPERSEDES None

COMPOSITION

% RANGE COMPOUND

>99 dl-Malic Acid

HALOGEN: ( -- ) %

<1 Impurities

SULFUR: -- %

NITROGEN: -- %

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:

Solid

(BULK) DENSITY: 1.6

WATER SOLUBILITY:

Very Soluble

pH: <3

HEAT VALUE (MBTU/LB):

Unknown

% ASH: --

% SUSPENDED SOLIDS:

N/A

IDENTITY:

% DISSOLVED NON-VOLATILES:

N/A

IDENTITY:

LAYERING:

N/A

UPPER:

LOWER:

COLOR:

White, Crystal-  
line Power

ODOR:

None

VISCOSITY:

N/A

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: N/A FLAMMABLE SOLID: Unknown

EXTINGUISHING MEDIA: Carbon dioxide or dry chemical for small fires, polymer foam for large fires (Type B or C).

FIRE-FIGHTING PROCEDURE: Dilution with large volumes of water may reduce intensity of flame.

HEALTH DATA

TOXICITY: Oral-Rat LD<sub>50</sub> : 1600 Mg/Kg, Slight

SKIN IRRITANT: Yes

SKIN SENSITIZER: Unknown  
DEGREE OF IRRITATION: Highly

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Obtain immediate medical attention.

INHALATION:

SPECIAL PRECAUTIONS

REACTIVE: No

CORROSIVE: Yes

IF CORROSIVE pH = 1 (<3)

HANDLING & STORAGE PRECAUTIONS:

PROTECTIVE EQUIPMENT

Rubber Gloves, Dust Mask

WASTE DISPOSAL

TYPE OF DRUM: (Discharge to the Drain) or All-Weather Pak

DRUM LABELING: Gold, DOT Corrosive Label, EPA Hazardous

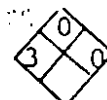
EPA HAZARDOUS WASTE #: D002

RHODE ISLAND CLASSIFICATION: Type 4 - Corrosive Waste; 7A - Highly Irritating;  
1C - Slightly Toxic

DISPOSAL METHOD: Flush to drain with plenty of water.

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Flush to drain with water.



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WASTE DATA SHEET

PRODUCT NAME

CODE NUMBER

GENERIC NAME waste Chloroform

SHIPPING NAME Waste Chloroform NOS

PREPARER Joseph Barry

EFFECTIVE December 18, 1980

ENVIRONMENTAL APPROVAL

S. Bouch

SUPERSEDES None

COMPOSITION

% RANGE COMPOUND

88-92 Chloroform

HALOGEN: ( Cl ) 85%

8-12 Organics

SULFUR: 0-5 %

NITROGEN: 0-5 %

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE:

Liquid

(BULK) DENSITY: 1.4-1.6

WATER SOLUBILITY:

Slight

pH: Neutral

HEAT VALUE (MBTU/LB):

1.345

% ASH: Trace

% SUSPENDED SOLIDS:

0

IDENTITY:

% DISSOLVED NON-VOLATILES:

8-12

IDENTITY:

Organics

LAYERING:

None

UPPER:

LOWER:

COLOR:

Variable

ODOR:

Chloroform

VISCOSITY:

Low

GENERIC NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: None FLAMMABLE SOLID: N/A

EXTINGUISHING MEDIA: N/A

FIRE-FIGHTING PROCEDURE: When involved in fire, chloroform emits highly toxic and irritating fumes. Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 800 mg/kg (chloroform) SKIN SENSITIZER: Unknown  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Moderate

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with water for 15 minutes.  
INGESTION: Obtain immediate medical attention.  
INHALATION: Remove to fresh air.

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No IF CORROSIVE pH =

HANDLING & STORAGE PRECAUTIONS: Avoid prolonged or repeated contact with skin and breathing of vapors. Do not store near alkaline material. Should not be mixed with acetone-forms explosive mixtures.

PROTECTIVE EQUIPMENT

Rubber gloves, eye protection, respiratory, air-supplied hood or self-contained breathing apparatus for potential overexposure.

WASTE DISPOSAL

TYPE OF DRUM: 30 gallon blo-lined fiber drum (93-952-302) overpacked in a 55 gallon blue 5/8 inch bolt ring (H-17) unlined DOT drum. Sawdust between drums. Label both drums.

DRUM LABELING: Gold, EPA Hazardous Waste, Special Handling, Poison

EPA HAZARDOUS WASTE #: None

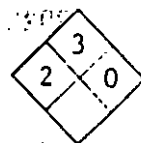
RHODE ISLAND CLASSIFICATION: 1C-Slightly Toxic, 7B-Moderately Irritating, R.I. Extremely Hazardous Waste (Chloroform)

DISPOSAL METHOD: Incineration with scrubber

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Clean up spills with absorbing agent (sawdust) and place in plastic bag in a fiber drum. If necessary to meet DOT regulations, the fiber drum must be overpacked in a DOT H-17 drum. Label both drums.

CIBA-GEIGY CORPORATION  
CRANSTON, RHODE ISLAND



WASTE DATA SHEET

PRODUCT NAME

CODE NUMBER

GENERIC NAME Alcohol Aromatic Hydrocarbon

SHIPPING NAME Waste Flammable Liquid NOS.

PREPARER Marshall Nordquist

EFFECTIVE May 28, 1982

ENVIRONMENTAL APPROVAL T. C. P.

SUPERSEDES None

COMPOSITION

% RANGE COMPOUND

55-65 Xylene

35-45 Isopropanol

Trace Nitrobenzene

0-2 Organic Impurities

HALOGEN: ( 0 ) 0%

SULFUR: 0 %

NITROGEN: 0 %

CHEMICAL AND PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid

(BULK) DENSITY: 0.8

WATER SOLUBILITY: Partial (IPA)

pH: 6-7

HEAT VALUE (MBTU/LB): 16

% ASH: 0

% SUSPENDED SOLIDS: None

IDENTITY: ---

% DISSOLVED NON-VOLATILES: None

IDENTITY: ---

LAYERING: No

UPPER: ---

LOWER: ---

COLOR: Amber

ODOR: Paint Thinner

VISCOSITY: Low

PRODUCT NAME

CODE NUMBER

FIRE HAZARD DATA

FLASH POINT °F: 53 (IPA) FLAMMABLE SOLID: ---

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical.

FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

HEALTH DATA

TOXICITY: LD<sub>50</sub> 4800 mg/kg SKIN SENSITIZER: No  
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  
SKIN CONTACT: Wash with soap and water.  
INGESTION: Obtain immediate medical attention.  
INHALATION: Remove to fresh air.

SPECIAL PRECAUTIONS

REACTIVE: No  
CORROSIVE: No

IF CORROSIVE pH = --

HANDLING & STORAGE PRECAUTIONS: Store away from heat, spark and flame.

PROTECTIVE EQUIPMENT

Rubber Gloves, Eye Protection.

WASTE DISPOSAL

TYPE OF DRUM: UL DOT

DRUM LABELING: Gold, EPA Hazardous, Flammable Liquid

EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: 3A - Highly Flammable; 7C - Slightly Irritating;  
1C - Slightly Toxic.

DISPOSAL METHOD: Incinerate.

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Absorb on sawdust. Place in a fiber drum and overpack  
in an H-17 drum. Label both drums as above.

ENV-WD-2GG,S1,A19-20